REGENCY®
FIREPLACE PRODUCTS

E33 Sunrise™ Gas Insert

MODELS: E33S-NG1 Natural Gas E33S-LP1 Propane

Owners & Installation Manual

www.regency-fire.com

WARNING:
If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

FOR YOUR SAFETY
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

FOR YOUR SAFETY
What to do if you smell gas:

- **Do not try to light any appliance**
- **Do not touch any electrical switch: do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

Tested by:
C US
Intertek

***Installer*: Please complete the details on the back cover and leave this manual with the homeowner.**
***Homeowner:* Please keep these instructions for future reference.**

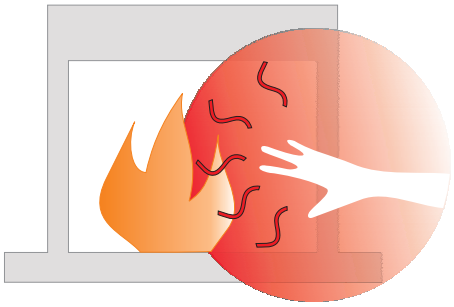
FPI GAS FIREPLACE INSERT

TO THE NEW OWNER

Congratulations! You are the owner of a state-of-the-art Gas Insert by FPI.

The E33 Sunrise™ Gas Insert has been designed to provide you with all the warmth and charm of a fireplace, at the flick of a switch. The E33S-NG1 and E33S-LP1 have been approved by Warnock Hersey for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your FPI Fireplace.

WARNING



HOT GLASS WILL CAUSE BURNS

DO NOT TOUCH GLASS UNTIL COOLED

NEVER ALLOW CHILDREN TO TOUCH GLASS

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) or in Canada by Wood Energy Technical Training (WETT).

Wood Energy Technical Training

ONE REGENCY ONE TREE ™

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SAFETY LABEL

This is a copy of the safety label that accompanies the E33 Sunrise™ Gas Insert. We have printed a copy of the contents here for your review. The safety label is located on a plate inside the base of the unit visible when the bottom louver is opened.

NOTE: FPI units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

Duplicate Serial number **340**

Listed: VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION
Certified for/Certifiée pour: CANADA and U.S.A.
Tested to: CAN/CGA-2.17-M91, ANSI Z21.88-2009 / CSA 2.33-2009
WN# 16042

DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ETIQUETTE

340

Serial No. / No de serie

Model/Modele: E33S-NG1

NATURAL GAS FIREPLACE INSERT: MODEL E33S-NG1
Factory Equipped For Altitude 0-4500ft. (0-1370m)

ÉQUIPÉ A L'UISINE POUR GAZ NATURAL

Min. Supply Pressure	5“	WC	(1.25 kpa)	Pression d'allimentation minimum
Low Setting Man. Pressure	1.1"	WC	(0.27 kpa)	Pression à la tubulure d'échappement basse
Max. Manifold Pressure	3.8"	WC	(0.95 kpa)	Pression à la tubulure d'échappement élevée
Orifice Size	42	DMS		Dimensions de l'orifice
Minimum Input	13,500	Btu/h	(3.95 kW)	Débit Calorifique minimum
Maximum Input	26,000	Btu/h	(7.61 kW)	Débit Calorifique maximum

Model/Modele: E33S-LP1

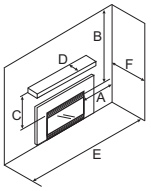
PROPANE GAS FIREPLACE INSERT: MODEL E33S-LP1
Factory Equipped For Altitude 0-4500ft. (0-1370m)

ÉQUIPÉ A L'UISINE POUR GAZ PROPANE

Min. Supply Pressure	12"	WC	(2.99 kpa)	Pression d'allimentation minimum
Low Setting Man. Pressure	2.9"	WC	(0.72 kpa)	Pression à la tubulure d'échappement basse
Max. Manifold Pressure	11"	WC	(2.74 kpa)	Pression à la tubulure d'échappement élevée
Orifice Size	54	DMS		Dimensions de l'orifice
Minimum Input	12,000	Btu/h	(3.51 kW)	Débit Calorifique minimum
Maximum Input	23,000	Btu/h	(6.74 kW)	Débit Calorifique maximum

Minimum Clearances to Combustibles from Insert

Side Walls	A*	8"	(203mm)
Ceiling	B	47"	(1194mm)
Min. Mantel Height	C	15"	(381mm)
Max. Mantel Depth	D	3½"	(89mm)



Alcove Width	E	76"	(1930mm)
Alcove Depth	F	36"	(914mm)

* Alcove side wall must have a min. of 8" clearance on one side.

Fan Part No. 320-517/P
Electrical Supply: 115 V, 56 WATTS, 60 Hz
NOT FOR USE WITH SOLID FUEL

FPI Fireplace Products International Ltd., Delta BC, CANADA

MADE IN CANADA /FABRIQUE AU CANADA

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1.
This appliance must be installed in accordance with the Standard CAN/CSA Z240 MH, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard
This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details.
This appliance is not convertible for use with other gases unless a certified kit is used.
WARNING. This fireplace has been converted for use with a gas fireplace insert only and cannot be used for burning wood or solid fuels unless all original parts have been replaced, and the fireplace re-approved by the authority having jurisdiction.
Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation ANSI Z223.1, National Fuel Gas Code ou CSA-B149.1 en vigueur.
Installer l'appareil selon la norme CAN/CSA-Z240, Série MM, Maison mobiles ou CAN/CSA-Z240 VC, Véhicules de camping, ou la norme 24 CFR Part 3280, Manufactured Home Construction and Safety Standard. Si ces normes ne sont pas pertinentes, utilisez la norme ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard
Cet appareil doit être utilize uniquement avec le type de gaz indiqué sur la plaque signalétique. Cet appareil peut être installé dans une maison préfabriquée ou mobile (É.-U. seulement) installée à demeure si les règlements locaux le permettent. Voir la notice de l'utilisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une trousse de conversion certifiée est fournie.
Cet appareil n'est pas convertible pour une utilisation avec d'autres gaz, sauf si un kit certifié est utilisé.
AVERTISSEMENT : Ce foyer a été converti pour utilisation avec un foyer au gaz encastrable et ne peut être utiliser pour brûler du bois ou d'autres combustibles solides à moins que toutes les pièces d'origine aient été remplacées et que le foyer ait été approuvé de nouveau par l'autorité compétente.
This vented gas fireplace heater is not for use with air filters. **Ne pas utiliser de filtre à air avec ce foyer au gaz à évacuation.**
For use with glass doors certified with the appliance only Pour utilisation uniquement avec les portes en verre certifiées avec l'appareil

VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUELS. / FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC DUCOMBUSTIBLE SOLIDE.

918-748a

For the State of Massachusetts, installation and repair must be done by a plumber or gasfitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.

For the State of Massachusetts, the appliances individual manual shut-off must be a t-handle type valve.

The State of Massachusetts requires the installation of a carbon monoxide alarm in accordance with NFPA 720 and a CO alarm with battery back up in the same room where the gas appliance is installed.

MA Code - CO Detector
(for the State of Massachusetts only)

5.08: **Modifications to NFPA-54, Chapter 10**

(2) Revise 10.8.3 by adding the following additional requirements:

(a) For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

1. INSTALLATION OF CARBON MONOXIDE DETECTORS. At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gasfitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gasfitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors

a. In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

b. In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

2. APPROVED CARBON MONOXIDE DETECTORS. Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

3. SIGNAGE. A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, **"GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS".**

4. INSPECTION. The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

(b) EXEMPTIONS: The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

1. The equipment listed in Chapter 10 entitled "Equipment Not Required To Be Vented" in the most current edition of NFPA 54 as adopted by the Board; and

2. Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

(c) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED. When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

1. Detailed instructions for the installation of the venting system design or the venting system components; and

2. A complete parts list for the venting system design or venting system.

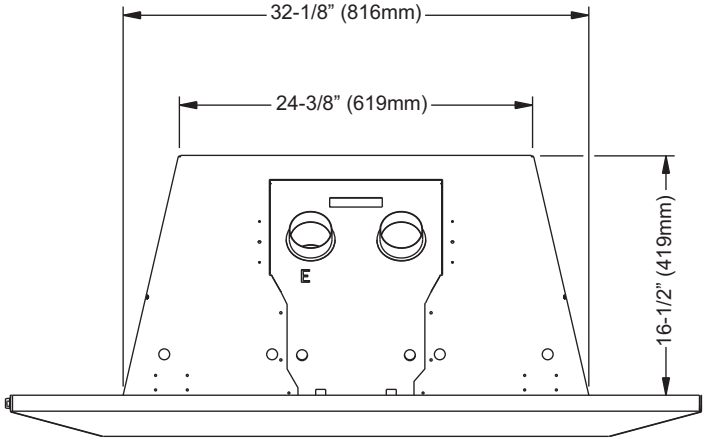
(d) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED. When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall be satisfied by the manufacturer:

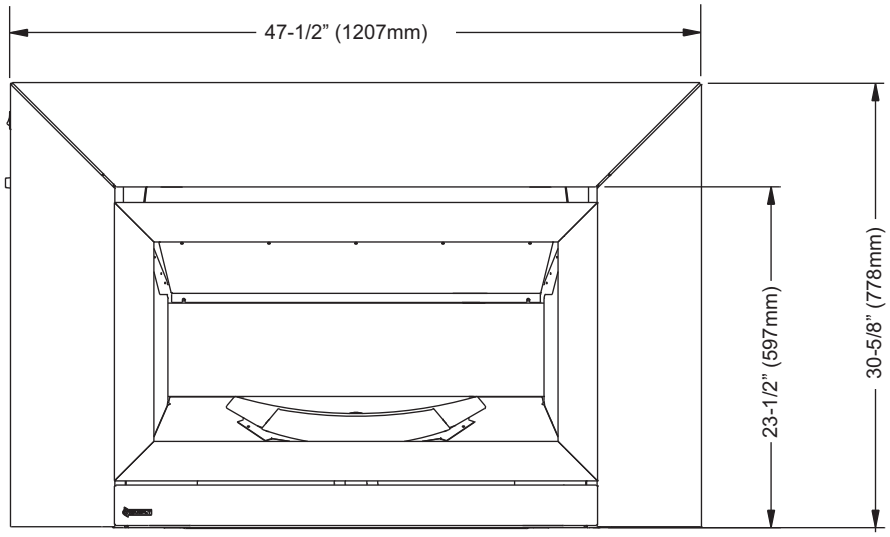
1. The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and

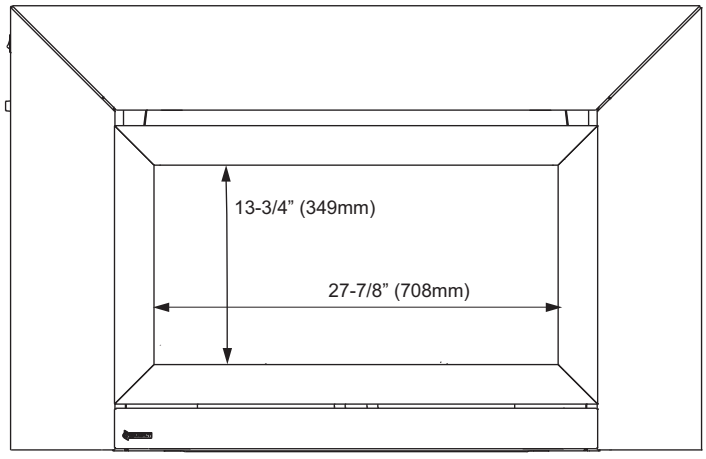
2. The "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

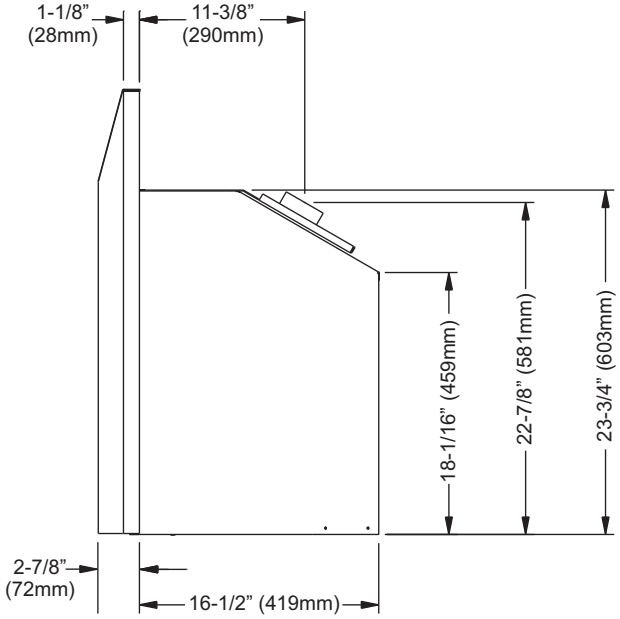
(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

UNIT DIMENSIONS









IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The FPI Gas Insert must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the building authority having jurisdiction to determine the need for a permit prior to starting the installation.

NOTE: Failure to follow the instructions could cause a malfunction of the heater which could result in death, serious bodily injury, and/or property damage. Failure to follow these instructions may also void your fire insurance and/or warranty.

FOR YOUR SAFETY

This appliance requires air for proper combustion. Always provide adequate combustion and ventilation air. Follow instructions and information in CSA B149.1 (in Canada) or the National Fuel Gas Code ANS Z223.1/NFPA (in the USA), regarding requirements for combustion and ventilation air.

GAS PRESSURE TESTING

The appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than
1/2 psig. (3.45 kPa).

SPECIFICATIONS

At pressures over 1/2 psig, the pipe to the unit must be disconnected.

Gas Input Capacity:

Natural Gas	26,000 Btu/h
Propane	23,000 Btu/h

Min. Input:

Natural Gas	13,500 Btu/h
Propane	12,000 Btu/h

Fuels: Approved for use with both natural gas, and propane. Approved as is for use at 0' to 4,500' (0-1370m).
Electrical: 120V A.C. system.
Circulation Fan: Variable speed, 127 CFM.
Vent System: 3" co-linear aluminum flex.
Cobalt Blue Glass Crystals

INSTALLATION INTO A SOLID FUEL BURNING FIREPLACE OR FACTORY BUILT FIREPLACE

The E33S Gas Insert have been tested and approved to be vented into any masonry fireplace or approved solid fuel burning factory built fireplace that will allow the insert to physically fit into the firebox. Refer to the "Minimum Fireplace Dimensions" section.

If the factory built fireplace* height is too low for your Insert, you may remove the smoke baffle plate and damper from the factory built fireplace as long as these items are saved and are reinstalled in the event that the Insert is removed. NOTE: Any alterations made to the listed solid fuel burning factory built fireplace may void the listing of the fireplace. Cutting any sheet-metal parts of the fireplace, in which the gas fireplace insert is to be installed, is prohibited.

If the factory-built fireplace has no gas access hole(s) provided, an access hole of 1.5" (37.5mm) or less may be drilled through the lower sides or bottom of the firebox in a proper workmanship like manner. This access hole must be plugged with non-combustible insulation after the gas supply line has been installed.

The fireplace and fireplace chimney must be clean and in good working order and constructed of non-combustible materials and chimney cleanouts must fit properly. Refractory, glass doors, screen rails, screen mesh, and log grates can be removed from the fireplace before installing the gas fireplace insert. Smoke shelves, shields and baffles may be removed if attached by mechanical fasteners. A tight connection between the gas fireplace insert flue collar and the fireplace chimney must be made.

*Check with your local inspector before commencing with this installation.

Installer must mechanically attach the supplied label to the inside of the firebox of the fireplace into which the gas fireplace insert is installed.

"**WARNING**: This fireplace has been converted for use with a gas fireplace insert only and cannot be used for burning wood or solid fuels unless all original parts have been replaced, and the fireplace re-approved by the authority having jurisdiction."

BEFORE YOU START

Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

General Safety Information

1) The appliance installation must conform with local codes or in the absence of local codes, with CAN/CSA B149.1 (in Canada) or the National Fuel Gas Code ANSI Z223.1 NFPA 54 in the U.S.A. This appliance should be installed by a qualified gas fitter technician only.

2) Installation and repair should be done by a qualified service person.

3) The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, animal hair, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

4) See general construction and assembly instructions. This appliance may only be installed in a vented, noncombustible fireplace.

5) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.

6) Always connect this appliance to a vent system vent that is run (or routed) to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is properly sized and is of adequate height to provide the proper draft.

7) Inspect the venting system annually for blockage and any signs of deterioration.

8) Any glass removed for servicing must be replaced prior to operating the appliance.

9) WARNING: Failure to position the parts in accordance with the diagrams in this manual or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

10) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.

INSTALLATION

11) Due to high temperatures, the appliance should be located out of high traffic areas and away from furniture and draperies. Children and adults should be alerted to the hazards of high surface temperatures, especially the fireplace glass, and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance. Clothing or other flammable material should not be placed on or near the appliance.

Emissions from burning wood or gas could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

INSTALLATION CHECKLIST

Before installing vent system ensure that the damper plate is open and secure to prevent the damper plate from falling down and crushing the liner.

The FPI Gas Insert is installed as listed below.

1) Check all clearances to combustibles. Refer to the following sections where applicable:

a. Minimum Clearances to Combustibles
b. Combustible Mantel Clearances

2) Make the gas connection. Refer to the "Gas Connection" section.

3) Install the 3" flue liner to the sliding connector plate. Refer to the "Flue Liner Installation" section.

4) Slide the unit half way into the fireplace.

5) Pull the vent connector plate through the tapered brackets and fasten to the front plate. Refer to the "Flue Liner Installation" section.

6) Slide the unit fully into the fireplace.

7) Test gas pressure, refer to the "Gas Pipe Pressure Testing" section. Check aeration system, refer to "Gas Insert Aeration Systems" section.

8) Install standard and optional features. Refer to the following sections where applicable:

a. Glass Crystals
b. Contemporary Faceplate
c. Remote Control
d. Wall Thermostat

9) **Final check. Refer to the "Final Check" section.** Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:

a) Clocking the appliance to ensure the correct firing rate.

b) Adjusting the primary air, if required, to ensure that the flame does not carbon. Refer to the "Gas Insert Aeration System" section.

c) Ensuring that the appliance is venting correctly.

MATERIALS REQUIRED

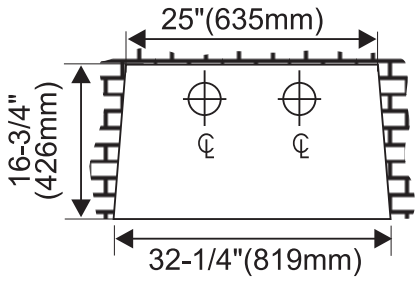
No electrical power supply is required for the gas control to operate. A 120 Volt AC power cord is hooked up to the fan. Plug the 3 wire cord into a suitable receptacle. **Do not cut the ground terminal off under any circumstances.** When connected with 120 volts, the appliance must be electrically grounded in accordance with local codes, current version of the Canadian Electrical Code CSA C22.1 (in Canada) or in the absence of local codes, with the National Electrical Code ANSI/NFPA 70.

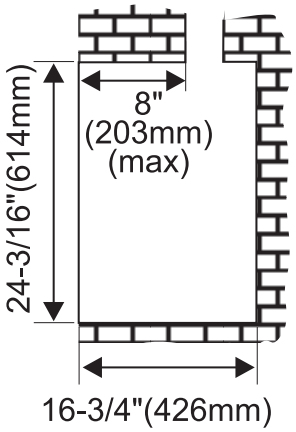
WARNING:
Electrical Grounding Instructions This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

MINIMUM FIREPLACE OPENING

The minimum fireplace opening is shown in the following diagrams:

Width (at front)	32-1/4" (819mm)
Width (at rear)	25" (635m)
Depth	16-3/4" (425mm)
Height	24-3/16" (614mm)

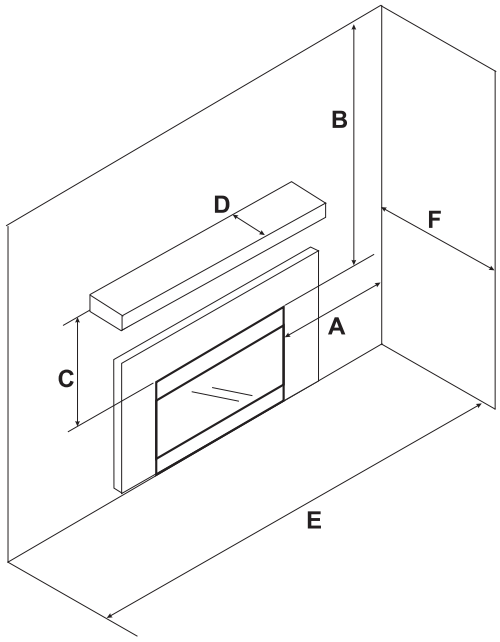




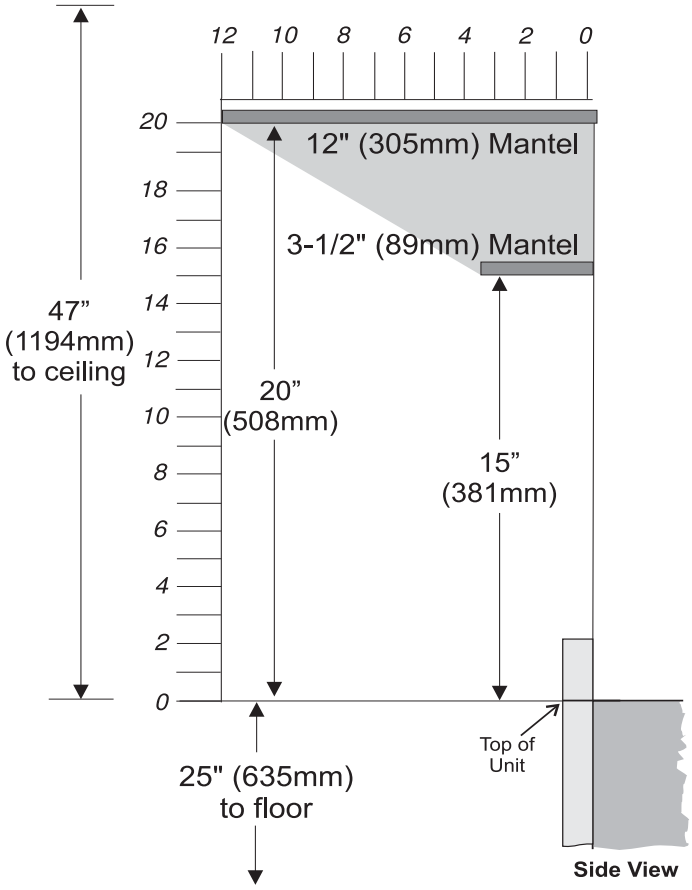
MINIMUM CLEARANCES TO COMBUSTIBLES

		From Unit
Side Walls	**A***	8" (203 mm)
Ceiling	**B**	47" (1194 mm)
Min. Mantel Height	**C**	15" (381 mm)
Max. Mantel Depth	**D**	3-1/2" (89 mm)
Alcove Width	**E**	76" (1930 mm)
Alcove Depth	**F**	36" (914 mm)

*** Alcove side wall must have a min. of 8" clearance on one side.**



COMBUSTIBLE MANTEL CLEARANCES



Due to the extreme heat this fireplace emits, the mantel clearances are critical.

Note: A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

Mantel can be installed anywhere in shaded area or higher using the above scale.

Note: Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.

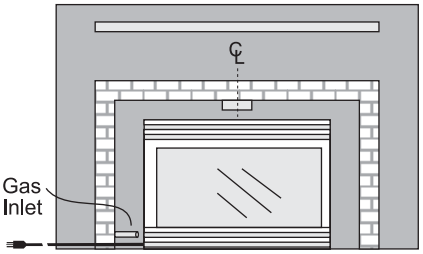
INSTALLATION

GAS CONNECTION

GAS CONNECTION WARNING:
Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.

1) If the appliance is to be installed into an existing chimney system, thoroughly clean the masonry or factory built fireplace.

2) The appliance is provided with an opening on the left hand side of the control compartment. A 3/8" NPT gas supply pipe must be brought near this inlet hole.



3) Locate the center point where the vent will pass through the chimney above the appliance. Move the appliance into the exact location where it is to be installed. Ensure that the Insert is level.

NOTE: This unit is equipped with a heat sensor thermodisc which will prevent the blower from operating until the unit reaches the correct temperature.

VENTING

THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

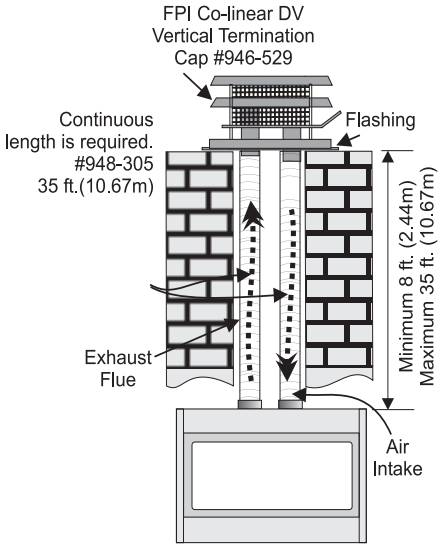
This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. The flue length must be a minimum length of 8 ' (2.44m) and a maximum of 35' (10.7m). See chart above for minimum distances from roof. Periodically check that the vent is unrestricted.

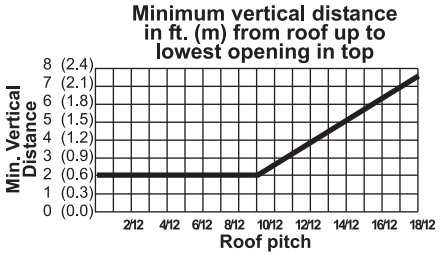
Masonry chimneys may take various contours which the flexible liner will accommodate. However, **keep the flexible liner as straight as possible**, avoid unnecessary bending.

Part #	Description
948-305	3" Flex - 35 ft.
946-529	FPI Co-linear DV Vertical Termination Cap

Alternate Approved Caps

46DVA-VC	Vertical Termination Cap
46DVA-VCH	High Wind Cap
46DVA-GK	3" Co-linear Adaptor with flashing





In areas of consistently high winds, we recommend using the Simpson Dura-Vent System (46DVA-GK adapter and 46DVA-VCH high-wind cap).

The Air Intake pipe must be attached to the inlet air collar of the termination cap.

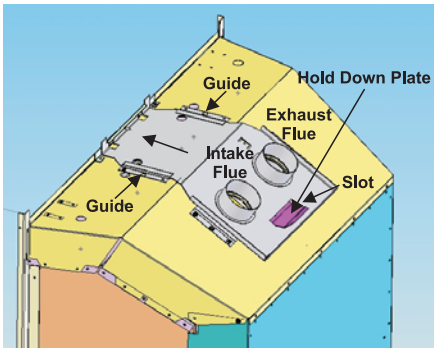
FLUE LINER INSTALLATION

1) Cut the flex liner as required.

2) **Mark the end of one liner with an "E" to indicate Exhaust.**

3) Connect the other end of the above liner to the exhaust side of the termination adaptor, seal connection with high temperature silicone. Secure with gear clamp.

4) Connect the 2nd liner to the inlet side of the adaptor, seal connection with high temperature silicone. Secure with gear clamp.



5) Install flashing.

6) Insert both liners into chimney, passing through the damper opening.

7) Install termination cap.

8) Connect the **marked end** of the liner to the exhaust collar of the vent connector plate marked with an "E", seal connection with high temperature silicone. Secure with gear clamp.

9) Connect the 2nd liner to the intake collar, seal connection with high temperature silicone. Secure with gear clamp.

10) Align vent connector plate with guides on unit.

11) Slide unit into masonry opening, while ensuring that the slot at the rear of the connector plate mates up with the hold down plate on the unit.

12) Secure with Screw.

NOTE:

1) Final gas connection should be made after unit is in place to avoid damage to line when pushing the unit into position.

2) Mill-pac may be used instead of high tempture silicone and screws may be used instead of gear clamps at connections of liner to inlet and vent collars.

GAS PIPE PRESSURE TESTING

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig. (3.45 kPa). Disconnect piping from valve at pressures over 1/2 psig.

The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

NOTE: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

1) Make sure the valve is in the "OFF" position.

2) Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.

3) Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.

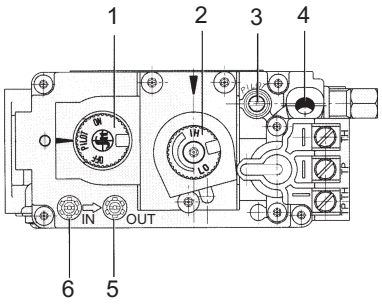
4) Light the pilot and turn the valve to "ON" position.

5) The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.

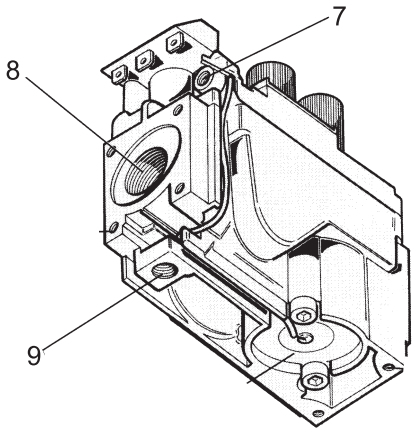
6) When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver. ***Note: Screw should be snug, but do not over tighten.***

SIT VALVE DESCRIPTION

1) Gas on/off knob
2) Manual high/low adjustment
3) Pilot Adjustment
4) Thermocouple Connection - *option*
5) Manifold (Outlet) Pressure Tap
6) Inlet Pressure Tap



7) Pilot Outlet
8) Main Gas Outlet
9) Alternative TC Connection Point



GAS INSERT AERATION SYSTEM

The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude. Open the air shutter for a blue flame or close for a more yellow flame.

The burner assembly will need to be removed in order to adjust burner aeration if required. See steps 1-4 in "Conversion Kit# 434-969 from NG to LP".

Minimum Air Shutter Opening:

1/8"	**Natural Gas**
1/4"	**Propane**

CAUTION: Carbon will be produced if the air shutter is closed too much.

Note: Any damage due to carboning resulting from improperly setting the aeration controls is NOT covered under warranty.

Note: Aeration Adjustment should only be performed by an authorized FPI Installer at the time of installation or service.

INSTALLATION

CONVERSION KIT #434-969 FROM NG TO LP

THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER
IF IN DOUBT DO NOT DO THIS CONVERSION!!

NOTE: See page 1 for H25 / H27 conversion instructions and page 4 for P33S-4 conversion instructions.

Each Kit contains one LP Conversion Kit and one DC Sparker Kit.

LP Conversion Kit Contains:

Qty.	Part #	Description
1	904-163	Burner Orifice #54
1	918-590	Decal "Converted to LPG"
1	908-528	Red "LPG" label
1	904-529	5/32" Allen Key
1	910-037	LPG Injector (Pilot Orifice)
1	918-480	Instruction Sheet

DC Sparker Kit Contains:

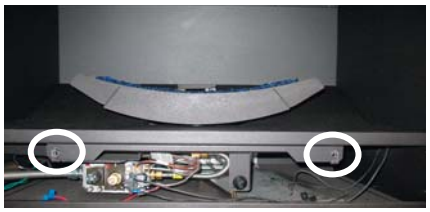
Qty.	Part #	Description
1	820-475	Bracket DC Sparker
1	820-476	Bracket DC Sparker
1	904-153	Washer #8 External Star
1	904-330	Nut 8-32 Hex
1	904-438	Plug Nylon 0.750 Hole, Black (for H25 only)
1	904-531	Bushing Split Plastic 0.500 in.
1	904-543	Screw 8-32 x 3/4 Pan Head
2	904-553	Screw #8 x 1/2 Type "B", Black Oxide
1	910-073	Spark Generator Battery Holder
1	910-074	Spark Generator Switch C/W Wire
1	910-078	Battery Size AA Energizer En91
2	910-199	Clip Wire Holder
1	910-903	Wire Fan To Power Cord Ground 30 in.
	904-781	Velcro Hook, Black
	904-782	Velcro Hook, Black

1) Turn off the gas supply.

2) Remove the glass door.

E33S only:

a) Remove the 2 screws at the bottom of the glass door.

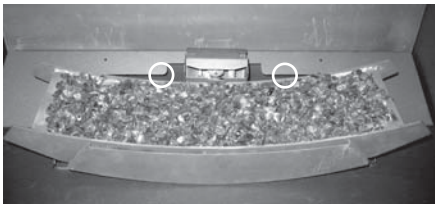


U32S only:

a) Release the two hooks from the bottom of the glass door.

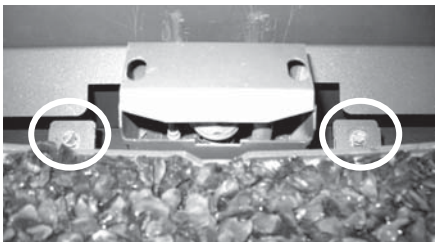
b) Swing the door out 45 degrees from the bottom and lift up and out (applies to both units).

3) Remove the burner by undoing the 2 screws as shown below.



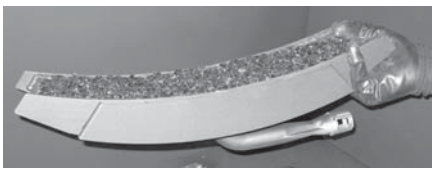
Burner

Burner screws on E33S



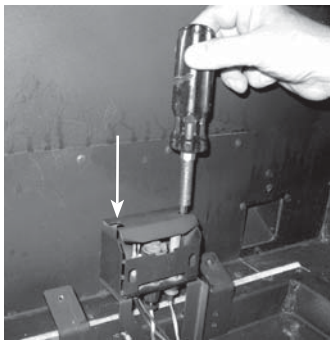
Burner screws on U32S

4) After screws have been removed, slide the burner to the left, then lift out carefully (**U32S unit only**.) (**E33S** - lift burner directly out).

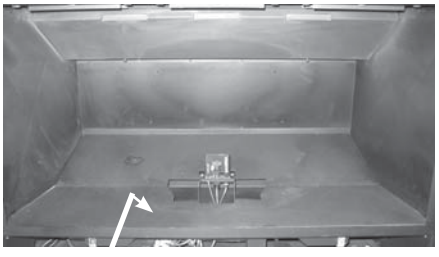


U32S burner shown

5) Remove the pilot shield by removing the 2 screws as shown below.



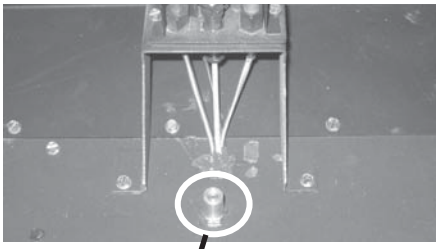
6) Remove the base cover by lifting up from the back and maneover out.



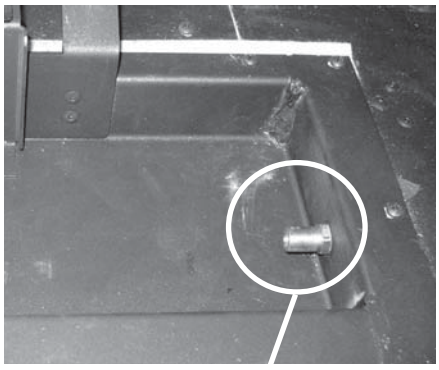
Base Cover

Lift up from the back.

7) Remove burner orifice with a 1/2" wrench and discard.



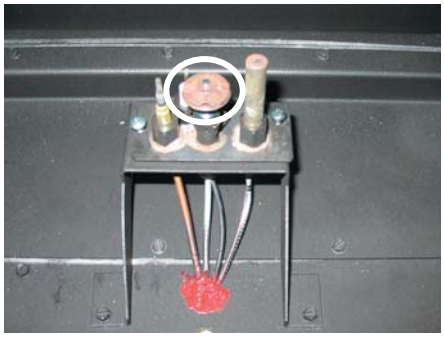
Burner Orifice - **E33S**



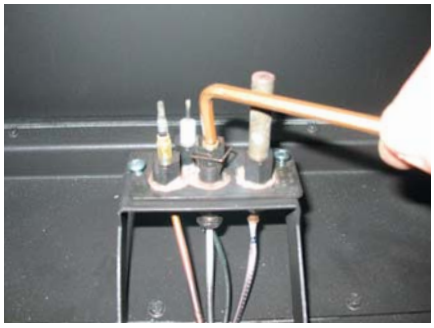
Burner Orifice -**U32S**

8) Install the new LP burner orifice stamped #54 and tighten.

9) Pull off the pilot cap to expose the pilot orifice.



10) Unscrew the pilot orifice with the supplied allen key and replace it with the LP pilot orifice and re-install the pilot cap.



11) Re-install base cover.

12) Re-install burner and back shield.

13) Reinstall pilot cover

LP Aeration Settings - **set before reinstalling burner.**		
E33S	1/4"	
U32S	Glass Crystals	Spa Stones
	1/2"	3/8"

14) From the valve remove the black protection cap by hand from the high-low knob (Fig.1).

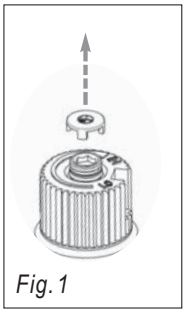


Fig. 1

15) Insert the allen key into the hexagonal key-way of the screw (Fig. 2), rotate it counter-clockwise until it is free and extract it.

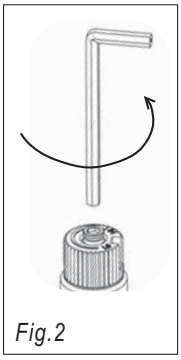


Fig.2

16) Check that the screw is clean and if necessary remove dirt.

17) Flip the screw (Fig. 3).

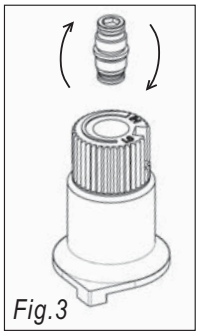


Fig.3

18) Using the allen key as shown in Fig.4, rotate the screw clockwise until snug, do not overtighten.

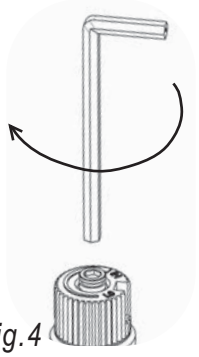


Fig.4

INSTALLATION

WARNING!
Do not overtighten the screw.
Recommended to
grip the wrench by the short side.

19) Verify that if the conversion is from NG to LPG, the screw must be re-assembled with the red o-ring visible (Fig. 5).

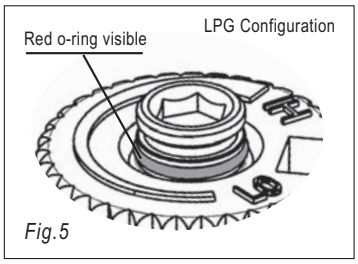


Fig.5

20) Re-assemble the black protection cap (Fig. 6).

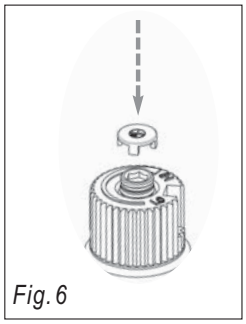


Fig. 6

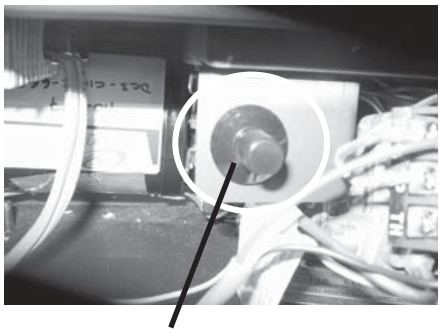
WARNING!
Also check that the pilot and main burner injectors
are appropriate for the gas type.

21) Attach the label "This unit has been converted to Propane" near or on top of the serial # decal.

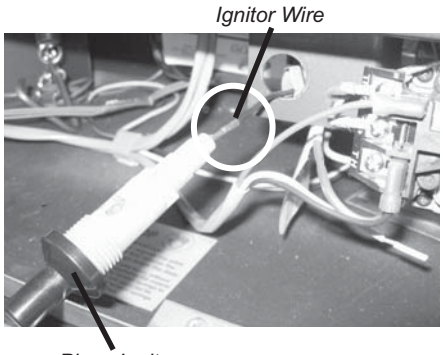
22) Replace yellow "Natural Gas" label with red "LPG" label.

Installation of the DC Sparker:

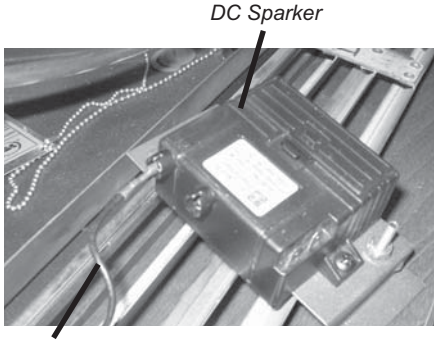
1) Locate the Piezo Ignitor situated at the side of valve.


Piezo Ignitor

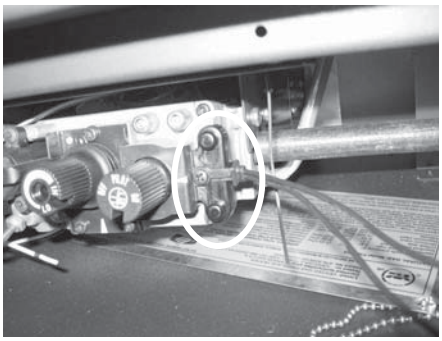
2) Remove the Piezo Ignitor by unscrewing the nut at the back of the mounting bracket.



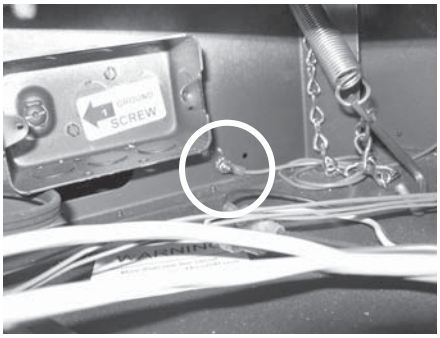
3) Disconnect the ignitor wire from the Piezo Ignitor and connect it to the DC Sparker.



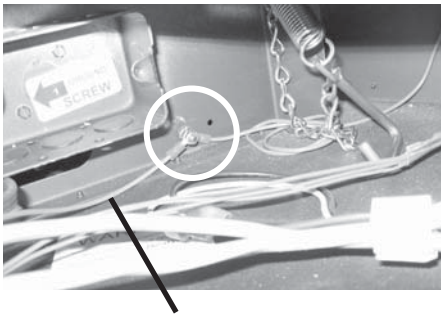
4) Connect the DC spark generator wires to the SIT Valve with the screw, which is provided in the kit.



5) Locate the ground lug at the receptical box, left of the unit.

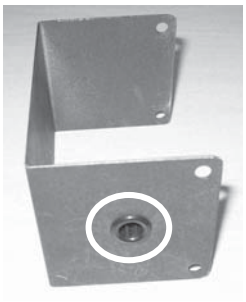


6) Connect one end of the supplied green ground wire to the lug with the nut and washer from the kit.

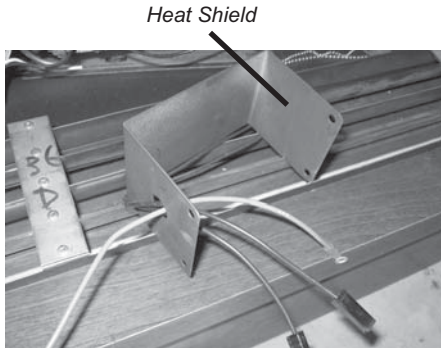


Ground wire from Kit

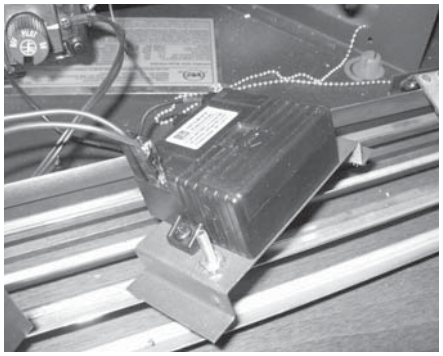
7) Install the 1/2" bushing to the heat shield.



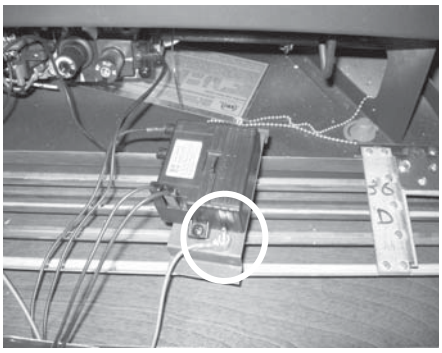
8) Run the other end of the ground wire and DC spark generator wires through the bushing on the heat shield.



9) Plug the DC spark generator wires to the DC Sparker.

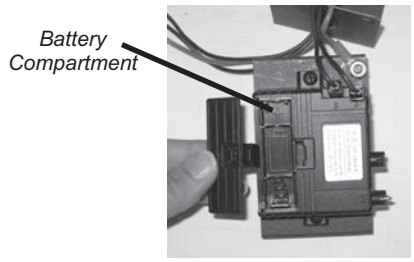


10) Connect the ground wire to the DC Sparker mounting bracket.

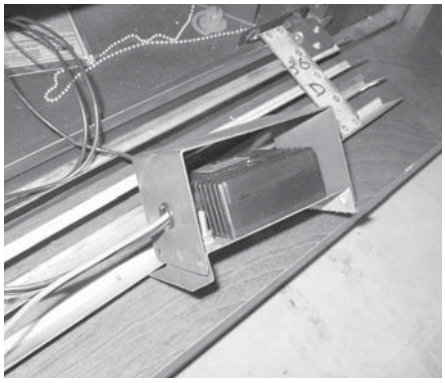


11) Install the supplied battery into the DC Sparker Box by opening the battery compartment.

NOTE: The battery in the DC Sparker Box will need to be replaced annually.

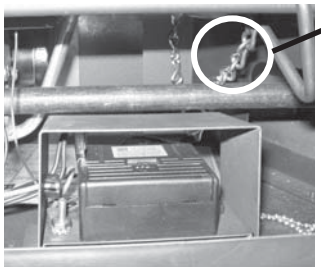


12) Mount the heat shield to the DC Sparker. Secure into place with the velcro, which is provided in the kit.

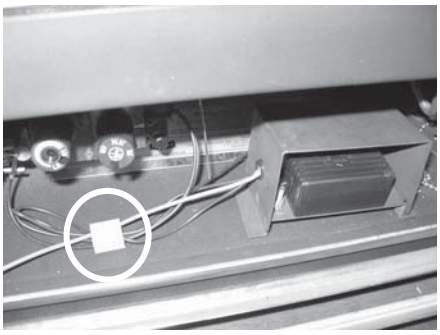


13) Find a location which is not too hot and is easy to reach for changing the battery. See image below as an example.

Note: It should be kept away from the chain **(U32S only).**



14) Tie up the loose wire with the wire clip.



15) Check for gas leaks with a proper soapy solution or leak detector.

16) Check for proper spark between the ignitor and pilot cap. Refer to "Lighting Procedure" section of the manual for lighting sequence.

17) Check inlet (12" WC min) and outlet (11" WC) pressures. Refer to "Gas Pipe Pressure Testing" section of the manual.

18) Check for proper flame appearance.

Installer Notice:
These instructions must be left with the appliance.

INSTALLATION

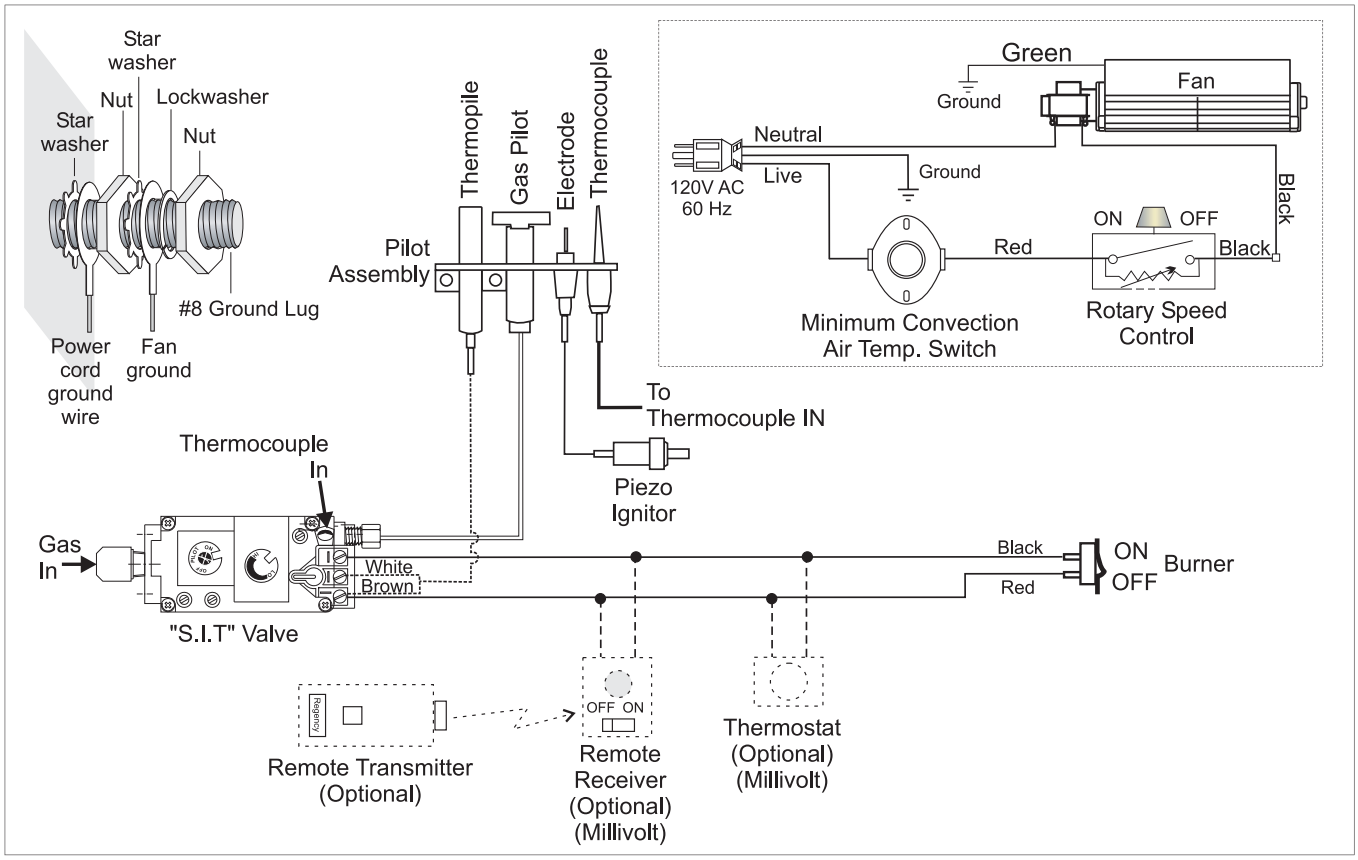
WIRING DIAGRAMS

This heater does not require a 120V A.C. supply for operation. However, a 120V A.C. power supply is needed for the fan/blower operation.

Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

WARNING: Electrical Grounding Instructions
This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

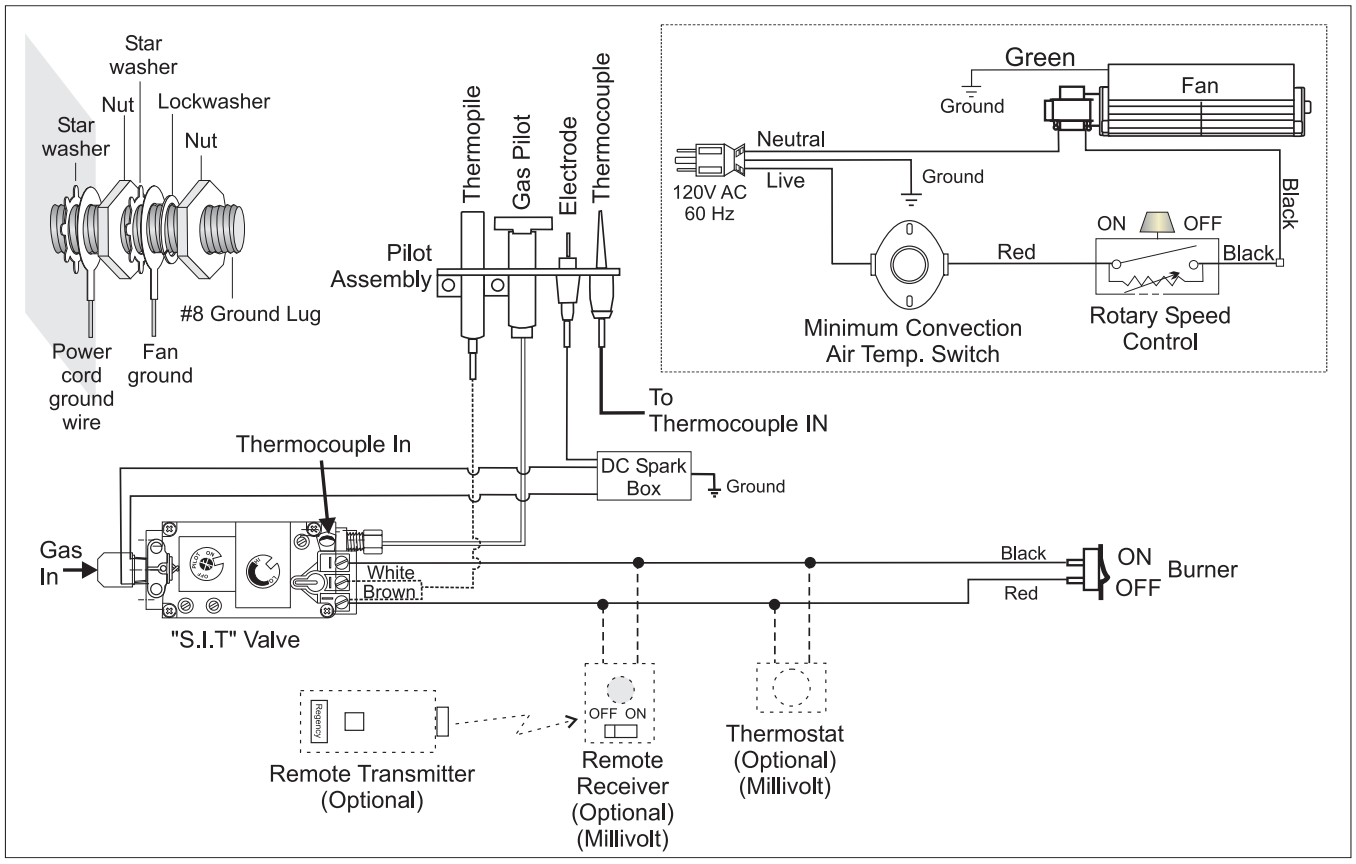
For NATURAL GAS Units and Units NOT Equipped with DC Spark Boxes



CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

For PROPANE Units and Units Equipped with DC Spark Boxes*

***For installation of the DC Spark Box refer to the LP Conversion instructions in this manual.**



OPTIONAL REMOTE CONTROL

Use the FPI Remote Control Kit approved for this unit. Use of other systems may void your warranty.

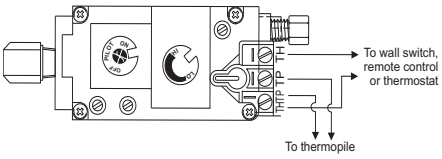
The remote control kit comes with a hand held transmitter, a receiver and a wall mounting plate.

1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location. Use Thermostat Wire Table.

2) Connect the wires as per the wiring diagrams below.

CAUTION
Do not connect the millivolt remote control wires to the 120V wires.

3) Install 3 AAA alkaline batteries in transmitter and 4 AA alkaline batteries in the receiver. Install the receiver and its cover in the wall. Switch the remote receiver to "remote" mode. The remote control is now ready for operation. Refer to Remote manual for complete details.



OPTIONAL WALL THERMOSTAT

A wall thermostat may be installed if desired, follow the wiring diagram. Note: the wires are connected to the "TH" on the gas valve. Use the table below to determine the maximum wire length. FPI offers an optional programmable thermostat but any 250-750 millivolt rated non-anticipator type thermostat that is CSA, ULC or UL approved may be used.

It is recommended that the thermostat be installed on an interior wall.

CAUTION
Do not connect the millivolt wall thermostat wires to the 120V wires.

Thermostat Wire Table

Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)	
Wire Size	Max. Length
14 GA.	50 Ft.
16 GA.	32 Ft.
18 GA.	20 Ft.
20 GA.	12 Ft.
22 GA.	9 Ft.

OPTIONAL REFLECTIVE PANEL INSTALLATION

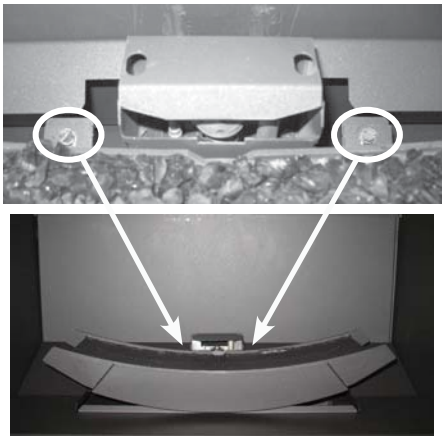
Before installation, panels must be handled and cleaned as per instructions noted below:	
Stainless Steel Panels	**Black Enamel Panels**
• Stainless panels must be inspected for scratches and dimples prior to installation. All claims to be recorded at this time. Claims for damage after installation will not receive consideration.	• Black Enamel panels must be inspected for scratches and dimples prior to installation. All claims to be recorded at this time. Claims for damage after installation will not receive consideration.
• **To protect the finish during installation and handling** - cotton gloves **MUST** be worn at all times while handling the panels (even when removing protective coating).	
• Use a hair dryer to remove the protective coating from the panels.	
• Stainless panels will discolor a little during normal operation. This is normal and should not be considered a defect.	• Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect.
* All hand and finger marks **MUST** be cleaned off with a soft cloth and a stainless steel cleaner. Most stainless steel cleaners leave a film/residue on the surface of the panels. Use an ammonia based cleaner (ie. glass cleaner) to remove this film before applying heat to the unit. **Failure to do this will result in burn stains on panels which you will be unable to remove.** Not protected by product warranty.	* All hand and finger marks **MUST** be cleaned off with a soft cloth. Use an ammonia based cleaner (ie. glass cleaner) to remove any fingerprints before applying heat to the unit. **Failure to do this will result in burn stain on panels which you will be unable to remove.** Not protected by product warranty.

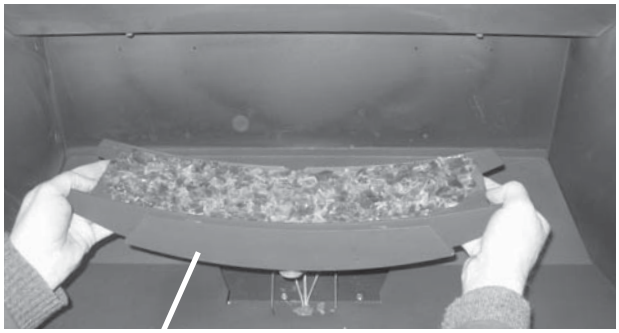
Removal of Standard Black Panels already in Unit:

1) Turn off power and gas supply.

2) Remove louvers and flush door.

3) Remove the burner by undoing the 2 screws that secure it in place. Carefully lift the burner up and out, ensuring not to spill the glass crystals.

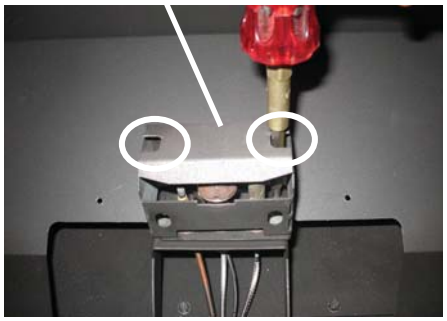




Burner

4) Remove the pilot assembly cover by removing the 2 screws as shown in the image below.

Pilot Assembly Cover



5) Remove the firebox base by lifting up from the back and maneuver out carefully. Ensure not to scratch the paint work or damage the pilot while lifting out.

Firebox Base

6) Remove the left and right side inner panels by removing the clip that holds the panels in place. Left side panel clip shown.

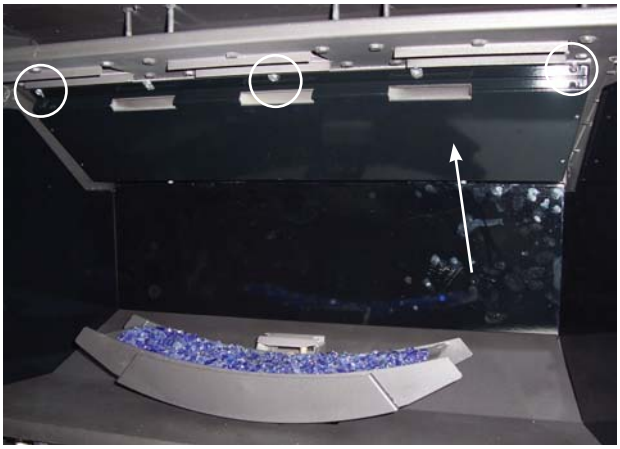
Note: Screw does not need to be completely removed, only loosened.

7) Remove the back panel by lifting up and slide out carefully.

Note: The removed standard panels may be discarded.

Installation of Black Enamel or Stainless Steel Panels:

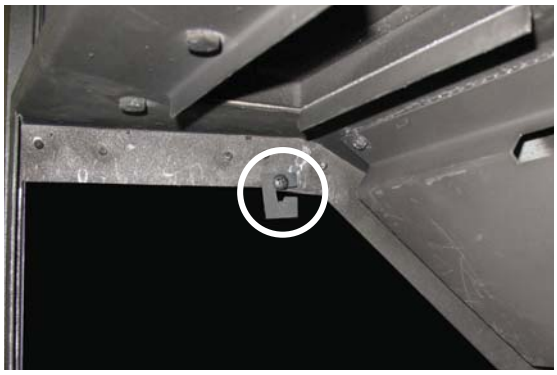
8) Loosen the 2 end screws + 1 centre screw securing the heat deflector. Slide the top reflective panel in place over top of the heat deflector.



9) Secure top panel using 2 screws at the back - then tighten the 3 screws at the front

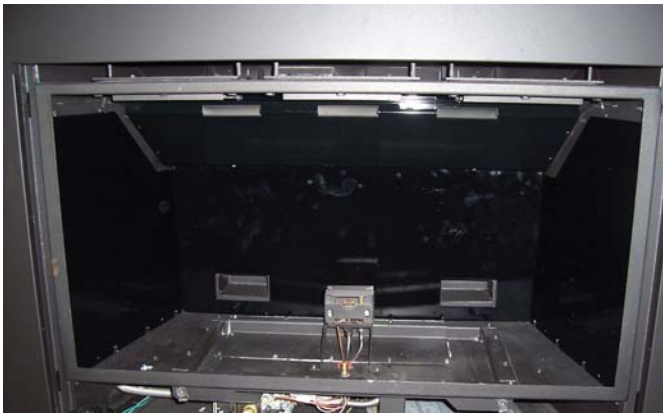
10) After the top panel has been secured - install the back panel. The back panel is held in place by the side panels

11) Install the left side panel - secure in place one screw and a panel clip.



INSTALLATION

12) Install the right side panel - secure in place one screw and a panel clip.



13) Re-install firebox base.

14) Re-install pilot assembly cover.

15) Re-install burner.

16) Re-install louvers and flush door.

17) Turn on power and gas supply.

GLASS CRYSTAL OR OPTIONAL CERAMIC STONES INSTALLATION

Spread the supplied Glass Crystals (or optional Ceramic Spa Stones) evenly over the burner. Ensure the crystals (stones) do not overlap too much as this will effect the flame pattern.

NOTE: When installing, use either the supplied Glass Crystals or optional Ceramic Spa Stones - DO NOT combine the two when installing on Models P33S/ E33S/ L676S. Only the supplied approved Cobalt Blue Glass or optional Ceramic Spa Stones are to be used with this fireplace. Use of any other type of glass crystals or ceramic stones can alter the unit's performance, any damage caused by the use of any unapproved glass or stones will not be covered under warranty.

NOTE: When using Ceramic Stones, DO NOT cover burner ports that lead to pilot flame.

Colbalt Glass Crystals/Ceramic Spa Stones Quantity		
	Colbalt Crystals	Ceramic Spa Stones
P33S	1 bag	70*
E33S	1 bag	70
L676S	1 bag	70
*Recommended to use only 50 of the 70 ceramic stones on the P33S burner.		

Glass Crystals shown on Burner

Optional Ceramic Stones shown on Burner

GLASS DOOR INSTALLATION

To install the glass door, simply hook the top door flange onto the top of the unit and swing the door towards the unit, (see Diagrams 1 and 2). Be careful that the glass gasket does not roll up; there must be a gap between the gasket and the door lip to ensure that the door sits securely on the unit. Refer to Diagram 3.

Secure door by fastening with two screws located at bottom of glass door, refer to Diagram 1.

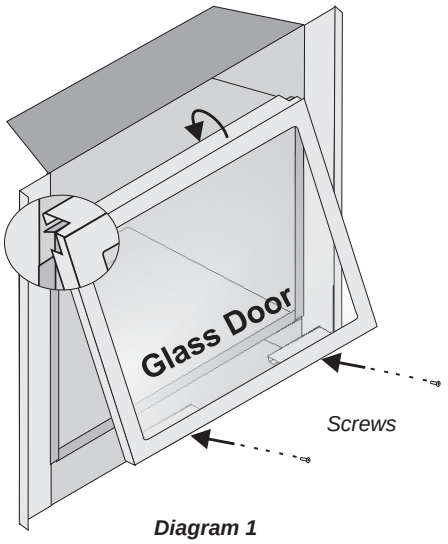


Diagram 1

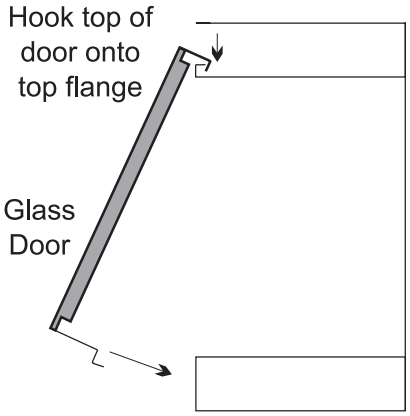


Diagram 2

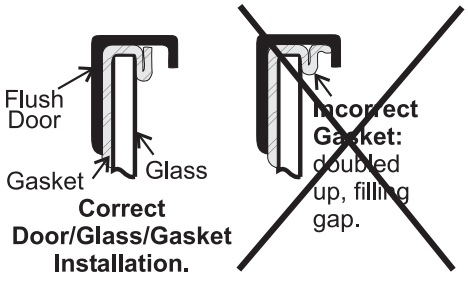


Diagram 3

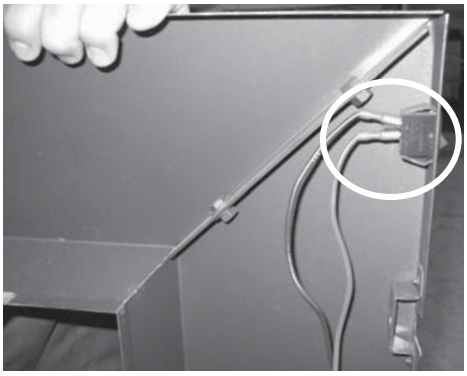
INSTALLATION

CONTEMPORARY FACEPLATE & DOOR FRAME INSTALLATION

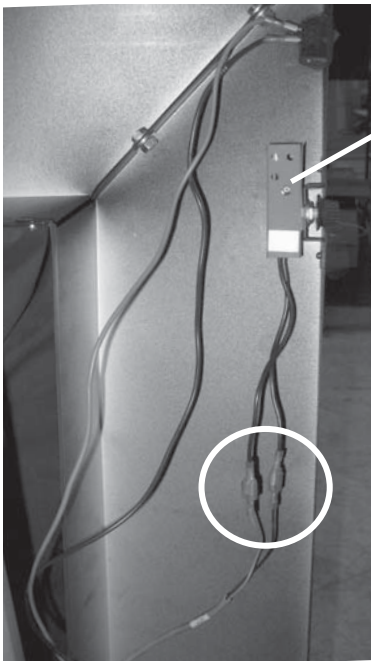
Kit# 341-914 Contents List:

1	Complete Faceplate with Switches
1	Door Frame
1	Bottom Louver
2	Hinges
4	Hinge Screws
4	Hinge Spacers
8	Pan Head Screws
1	Wire Clip
1	Instruction Sheet

1) Bring the faceplate up in front of the unit and connect the red & black ON/OFF wires from the unit to the ON/OFF switch on the back of the left side of the faceplate.



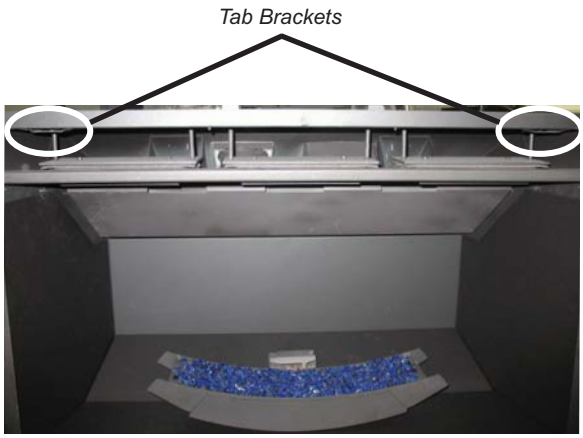
2) Connect the grey coated female ends of the black & red fan wires from the unit to the male ends of the fan rheostat on the left side of the faceplate as shown.

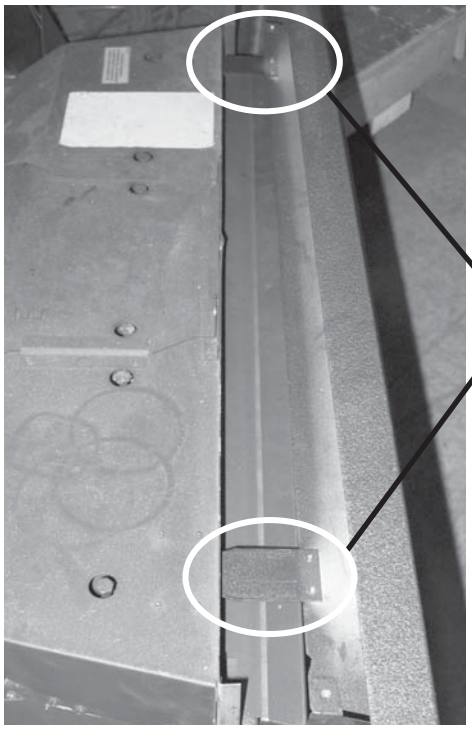


3) Secure loose wires using wire clips along the back of the left side of the faceplate. Ensure to run the wires away from the firebox as much as possible.

4) Align the faceplate tabs with the tab brackets on the inside top of the firebox and slide in place.

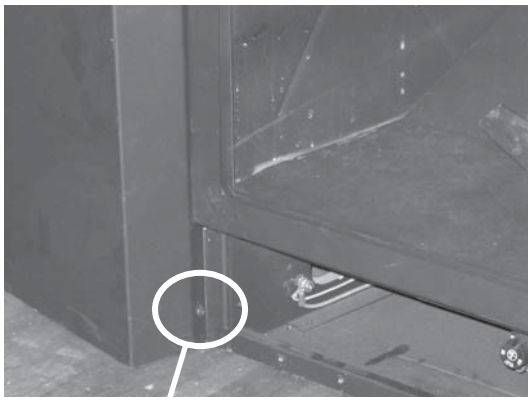
NOTE: For easy installation do not force both tabs in at the same time, stagger from left to right.





5) Secure the bottom of the faceplate to the firebox flange using one screw on each side.

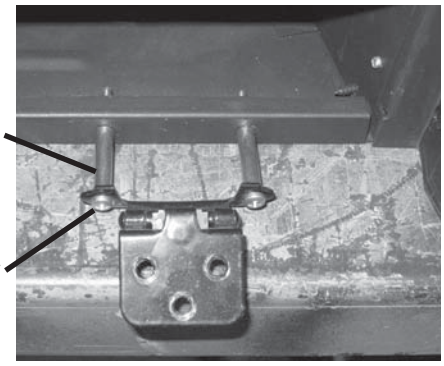
NOTE: Ensure that the bottom of the faceplate leg is aligned with the screw hole on the inner side of the firebox flange.



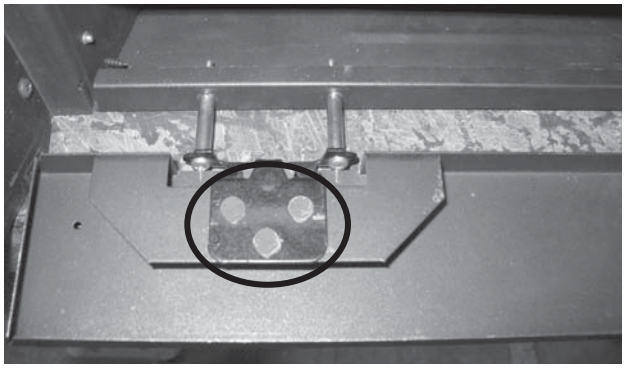
Faceplate secured to inner side of firebox flange.

6) Place 2 screws through the screw holes on the hinge and place a spacer over each screw.

7) Secure the hinge to the bottom flange of the firebox with 2 screws from step 6. Repeat for other side.

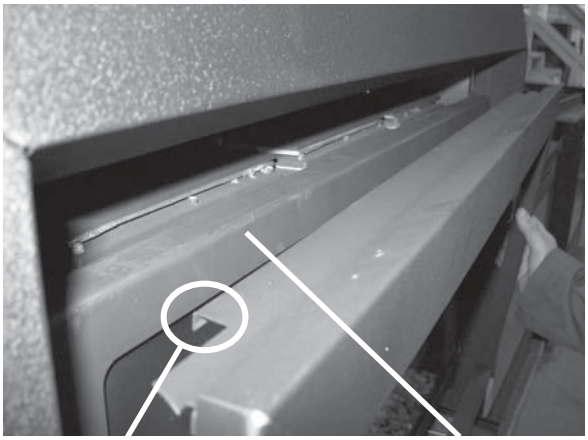


8) Align the left and right side hinge with the screw holes in the bottom louver and secure in place using 3 screws per side.



9) Install the door frame by hooking the top flange over top of the glass door, push in the bottom of the door frame to secure in place.

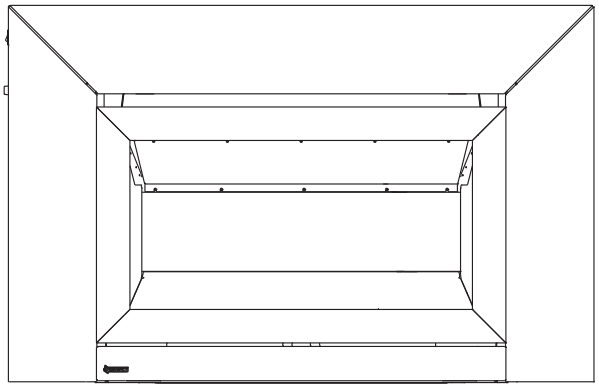
NOTE: To ensure the gap between the door frame and faceplate legs are equal (approximately 1/2" on each side) you may need to slide the door frame slightly to the left or right accordingly.



Door Frame Flange *Glass Door*

10) Close the bottom louver.

Completed Faceplate & Door Frame Installation



INSTALLATION

LOW PROFILE FACEPLATE INSTALLATION

1) Attach the inner faceplate panel to the insert body using 4 screws in the locations shown below.

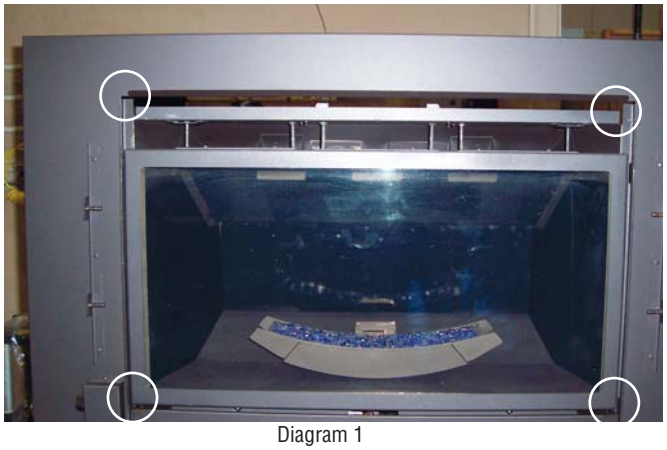


Diagram 1

Diagram 2

2) Connect the male end black and red fan switch wires (in the black casing) to the wire connectors from the fan speed control.

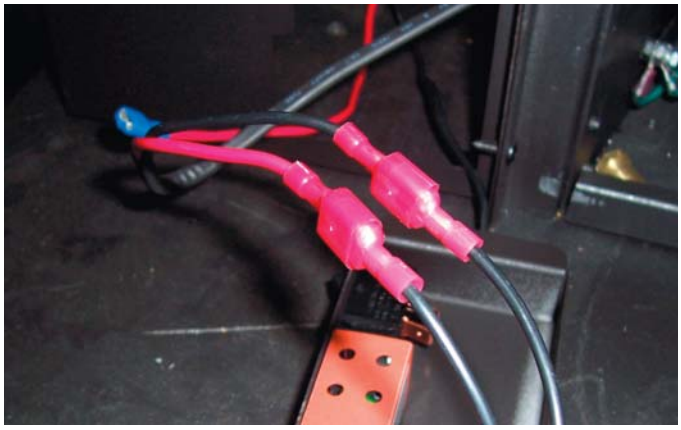
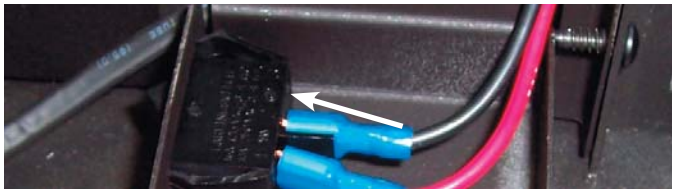


Diagram 3

3) Connect the female ends of the ON/OFF switch - to the ON/OFF switch in the control box.



4) Tuck the wires into the clip to keep them away from the insert using the clip provided. Attach the clip to the rear of the faceplate to ensure that the wires do not touch the side of the unit. The power cord should be run behind the inner faceplate panel.

5) Install the on /off switch - fan speed control box to the left hand bottom leg of the inner faceplate. Controls located on the left side

Diagram 5

6) Secure the wires to the back of the inner faceplate with a wire cli

7) Attach the 2 bottom louver hinges to the bottom flange on the firebox using 2 screws per hinge.

8) Attach the bottom louver to the 2 hinges using 3 screws per hinge.

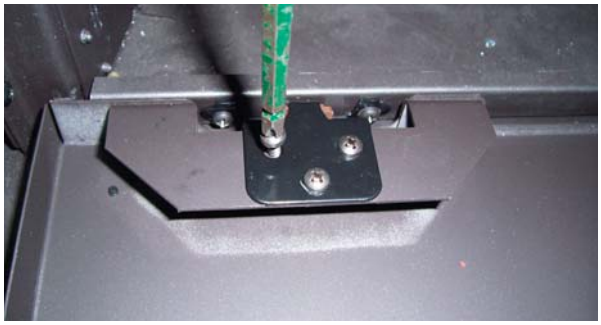


Diagram 7

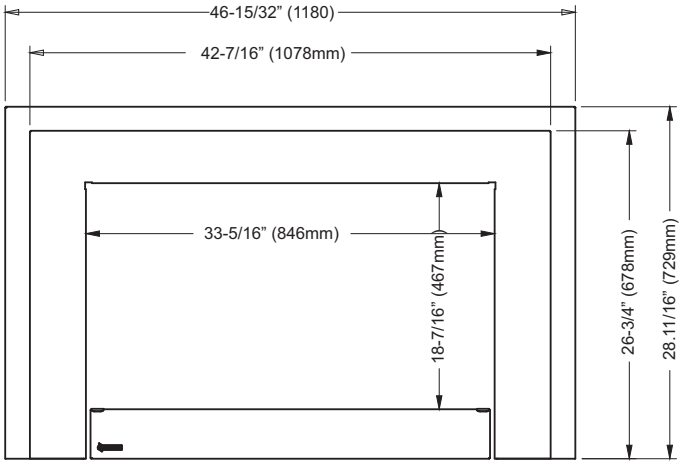
9) Snap the Regency logo plate into the two holes in the bottom left corner of the louver.

10) Take the outer faceplate, line up the openings on the left and right legs and install onto the inner faceplate panel pins.

Diagram 9

Final Install

Diagram 10



INSTALLATION

OPTIONAL HEARTH TRIM INSTALLATION

The Hearth Trim is an option that can be used to finish off the installation when the bottom of the fireplace is higher than the hearth or to raise the fireplace. The faceplate is assembled first and then the hearth trim is attached to the faceplate. There are 2 Hearth Trim options; a 2" and a 4".

2" Hearth Trim (341-942) Installation:

1) Attach the Hearth Trim to the bottom of the faceplate side panels with the screws provided (3 per side) as shown in diagram 1. The holes in the Hearth Trim are oblong so the trim can be adjusted inwards or outwards as needed to suit finishing.

NOTE: Don't tighten the screws down completely at this point, do a trial fit to the unit, make any necessary adjustments and when it fits properly then tighten screws.

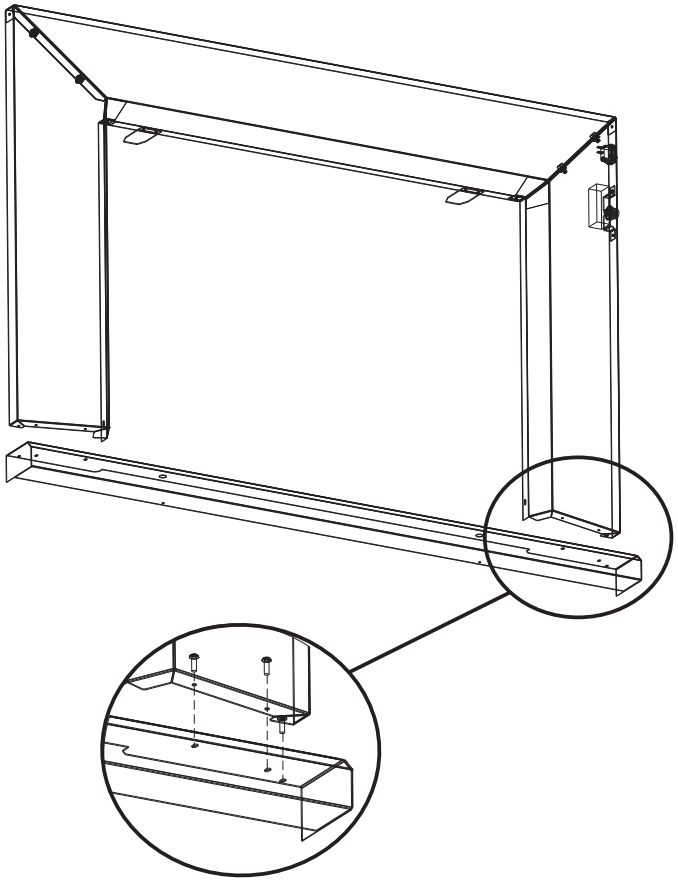


Diagram 1

4" Hearth Trim (341-944) Installation:

1) Secure the two 2" hearth trim pieces together as shown in diagram 2. Secure using the 2 screws provided.

2) Attach the now 4" Hearth Trim to the bottom of the faceplate side panels with the screws provided (3 per side) as shown in diagram 1. The holes in the Hearth Trim are oblong so the trim can be adjusted inwards or outwards as needed to suit finishing.

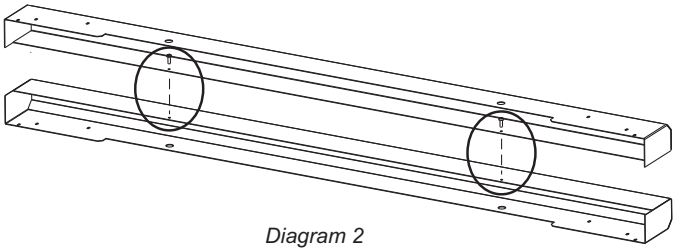


Diagram 2

FINAL CHECK

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:

1) Clocking the appliance to ensure the correct firing rate (rate noted on label) at 15 minutes.

2) First allow the unit to burn for 15 minutes to stabilize. If required, adjust the primary air to ensure that the flame does not carbon.

3) Check for proper draft.

CAUTION

Any alteration to the product that causes sooting or carboning that results in damage to the exterior facia is not the responsibility of the manufacturer.

FIRST FIRE

The first fire in your insert is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your insert for at least four (4) hours the first time you use it with the fan on. When first operated, the unit will release an odour caused by the curing of the paint, the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours.

DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.

Note: When the glass is cold and the appliance is lit, it may cause condensation and fog the glass. This condensation is normal and will disappear in a few minutes as the glass heats up.

DO NOT BURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.

During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and NEVER clean the glass while it is hot.

OPERATING INSTRUCTIONS

1) Read and understand these instructions before operating this appliance.

2) Check to see that all wiring is correct and enclosed to prevent possible shock.

3) Check to ensure there are no gas leaks.

4) Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed.

5) Verify that the venting and cap are unobstructed.

6) Verify glass crystal placement.

7) The unit should never be turned off, and on again without a minimum of a 60 second wait.

LIGHTING PROCEDURE

IMPORTANT
Prior to igniting or reigniting the pilot, remove the glass door.

NOTE: For all propane units and units equipped with electric spark boxes, see "Copy of Lighting Plate Instructions" section for more details.

Only when the pilot holds, without pressure being applied to the control knob, should you reinstall the glass door. The unit must not be operated with the glass door removed.

IMPORTANT: Gas on/off knob cannot be turned from "PILOT" to "OFF" unless it is partially depressed.

1) Turn burner OFF using "ON/OFF" switch.

2) Turn gas control knob so indicator points to "OFF" position and allow 5 minutes for any gas in the combustion chamber to escape.

3) Turn gas control knob counterclockwise so indicator points to the "PILOT" position. Depress the gas control knob fully. Depress the ignitor button several times until the pilot lights. After approximately one minute, release the gas control knob. The pilot flame should continue to burn. If the pilot does not remain lit, repeat operation allowing a longer period before releasing gas control knob.

4) When the pilot stays lit, turn the gas knob further counterclockwise to the "ON" position.

5) Use the switch, thermostat or remote control to turn on the unit.

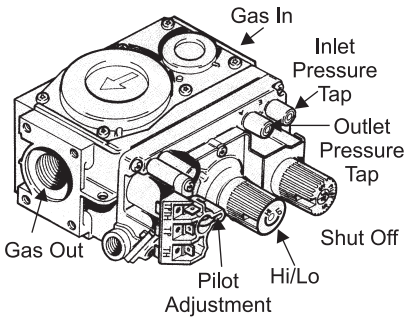
6) Rotate the flame height regulator to adjust the flame height higher or lower.

SHUTDOWN PROCEDURE

1) Use the switch, thermostat or remote control to turn off the main burner.

2) Turn the main gas control clockwise to the "OFF" position to turn off the pilot.

3) Turn off all electric power to appliance if service is to be performed.



COPY OF LIGHTING INSTRUCTION PLATE

FOR YOUR SAFETY READ BEFORE LIGHTING

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1. (Australia: AG601, New Zealand: NZS 5261)

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier.

A) This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.

B) BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS
- Do not try to light any appliance.
- Do not touch any electric switch, do not use any phone in your building.
- Immediately call your gas supplier from a neighbours phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

C) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

E) This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

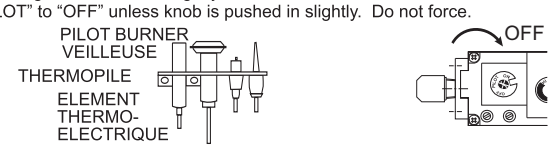
CAUTION: Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

LIGHTING INSTRUCTIONS

STOP! Read the safety information above on this label.

FOR UNITS NOT EQUIPPED WITH ELECTRIC SPARK BOXES:

1) Push in gas control knob slightly and turn clockwise ↷ to "OFF". Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.



2) Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow step "B" in the Safety Information above on this label. If you don't smell gas, go to the next step.

3) Turn knob on gas control counterclockwise ↶ to"PILOT".

4) Push in control knob all the way and hold in. Continually push and release the black button on spark igniter until pilot lights. Continue to hold the control knob in for about 1/2 minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 1) to 4). If knob does not pop up when released, stop and immediately call your service technician or gas supplier. If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

5) Turn gas control knob counterclock-wise ↶ to "ON".

6) Use rocker switch to operate main burner.

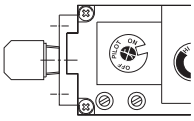
FOR ALL PROPANE UNITS AND UNITS EQUIPPED WITH ELECTRIC SPARK BOXES:

1) Push in gas control knob slightly and turn to "PILOT" position.

2) Push in control knob all the way and hold in until the pilot lights up. Continue to hold the control knob in for about 20 seconds after the pilot is lit. Release knob.

3) Push in gas control knob slightly and turn to "ON" position.

4) Turn ON the flame switch.



TO TURN OFF GAS APPLIANCE

1) Turn off the flame switch.
2) Push in the gas control knob slightly and turn clockwise ↷ to "OFF". Do not force.
3) Turn off all electric power to the appliance if service is to be performed.
You may shut off the pilot during prolonged non use periods to conserve fuel.

DO NOT REMOVE THIS INSTRUCTION PLATE 918-473a

AUTOMATIC CONVECTION FAN OPERATION

The fan operates automatically. Turn the knob on the side of the faceplate to adjust to the desired speed. The fan will turn on as the insert comes up to operating temperature. After the unit has been turned off and the unit has been cooled to below useful heat output range, the fan will shut off automatically.

NORMAL OPERATING SOUNDS OF GAS APPLIANCES

It is possible that you will hear some sounds from your gas appliance. This is perfectly normal due to the fact that there are various gauges and types of steel used within your appliance. Listed below are some examples. All are **normal operating sounds** and should not be considered as defects in your appliance.

Blower:
FPI gas appliances use high tech blowers to push heated air farther into the room. It is not unusual for the fan to make a "whirring" sound when ON. This sound will increase or decrease in volume depending on the speed setting of your fan speed control.

Burner Tray:
The burner tray is positioned directly under the burner tube(s) and logs and is made of a different gauge material from the rest of the firebox and body. Therefore, the varying thicknesses of steel will expand and contract at slightly different rates which can cause "ticking" and "cracking" sounds. You should also be aware that as there are temperature changes within the unit. These sounds will likely re-occur. Again, this is normal for steel fireboxes.

Blower Thermodisc:
When thermally activated switch turns ON, it will create a small "clicking" sound. This is the contact switch closing.

Pilot Flame:
While the pilot flame is on it will make a slight "whisper" sound.

Gas Control Valve:
As the gas control valve turns ON and OFF, a dull clicking sound may be heard. This is normal operation of a gas regulator or valve.

Unit Body and Firebox:
Different types and thicknesses of steel will expand and contract at different rates resulting in some "cracking" and "ticking" sounds which will be heard throughout the cycling process.

MAINTENANCE INSTRUCTIONS

1) Always turn the gas valve to the off position before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year.

2) Clean (never when unit is hot) appliance, door and louvers with a damp cloth. Never use an abrasive cleaner. The optional finishes on louvers and doors may be scratched if abrasives are used to clean them. The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint (not with wall paint). FPI uses StoveBrite Paint - Metallic Black #6309.

3) Make a periodic check of the burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady: not lifting or floating. If there is a problem, call a qualified service person.

4) The appliance and venting system must be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed.
During the annual service call, the burners should be removed and cleaned from the burner tray.

5) Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapours and liquids.

WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.

CAUTION: ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

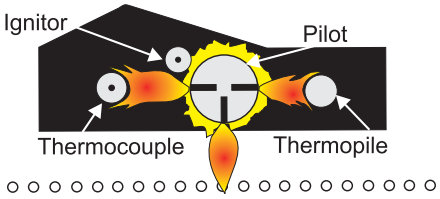
6) Each time the appliance is lit, it may cause condensation and fog the glass. This condensation and fog is normal and will disappear in a few minutes as the glass heats up.

Never operate the appliance without the glass properly secured in place or with the door open.

7) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace nay part of the control system and any gas control which has been under water.

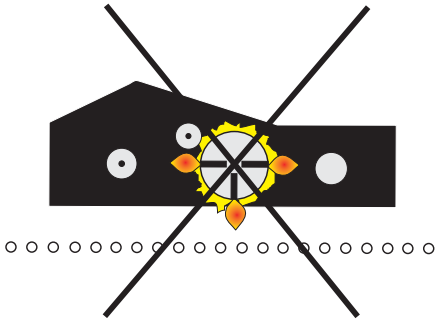
8) Periodically check the pilot flames. Correct flame pattern has three strong blue flames: 1 flowing around the thermopile and 1 around the thermocouple, and 1 flowing across the front of the burner.

Note: If you have an incorrect flame pattern, contact your FPI dealer for further instructions.



Burner

Incorrect flame pattern will have small, probably yellow flames, not coming into proper contact with the rear of the burner or thermopile.



Burner

Top View of pilot flame

GENERAL VENT MAINTENANCE

Conduct an inspection of the venting system semi-annually. Recommended areas to inspect as follows:

1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.

2) Remove the Termination Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.

3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints. Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.

4) Inspect joints to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers' tape for rigidity.

DOOR GLASS

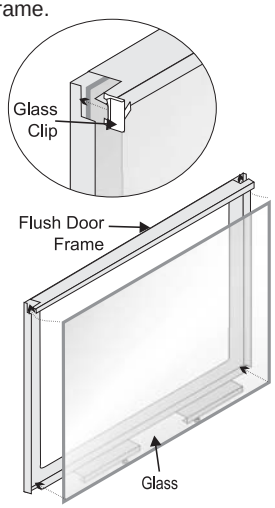
If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. **Do not use abrasive materials. Do not clean the glass when hot.**

In the event that you break your glass by impact, purchase your replacement from an authorized FPI dealer only, do not use substitute materials. Follow our step-by-step instructions for replacement. **Warning: Wear gloves when removing damaged or broken glass.**

Caution: Do not operate appliance with glass removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.

Glass Replacement

Remove the glass door (refer to the "Glass Door" Installation section). Remove the 4 glass clips from each corner. Slide in the new replacement glass. Push the 4 glass clips back onto the frame.



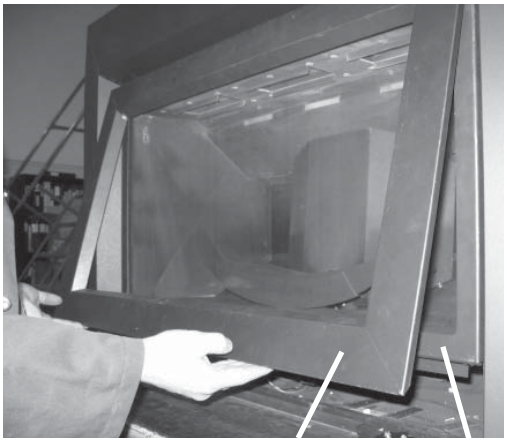
VALVE TRAY REPLACEMENT

1) Turn the unit off and allow it to cool down to room temperature.

2) Disconnect the power source and turn off the gas supply to the insert.

3) Open the bottom louver.

4) Remove the door frame by lifting out from the bottom and lift up off the glass door.

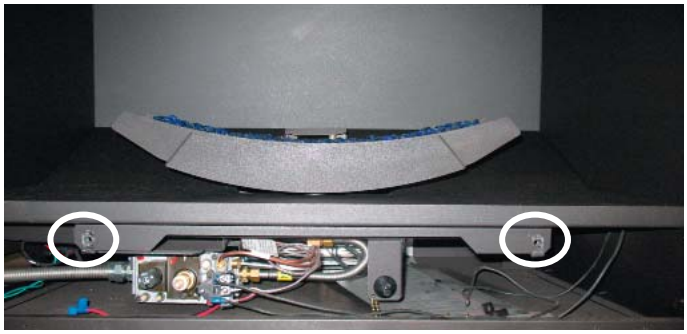


Door Frame *Glass Door*

5) Remove the glass door.

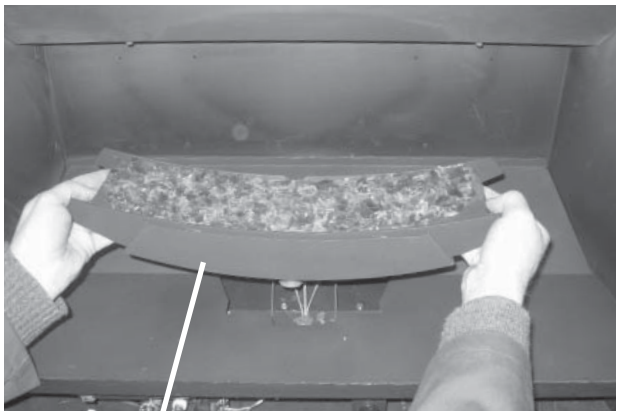
a) Remove the 2 screws shown below at the bottom of the glass door.

b) Swing the door out 45° from the bottom and lift up and out.



6) Remove the burner by undoing the 2 screws shown. Carefully lift the burner up and out ensuring not to spill glass crystals.

7) Carefully set aside the burner and glass crystals.



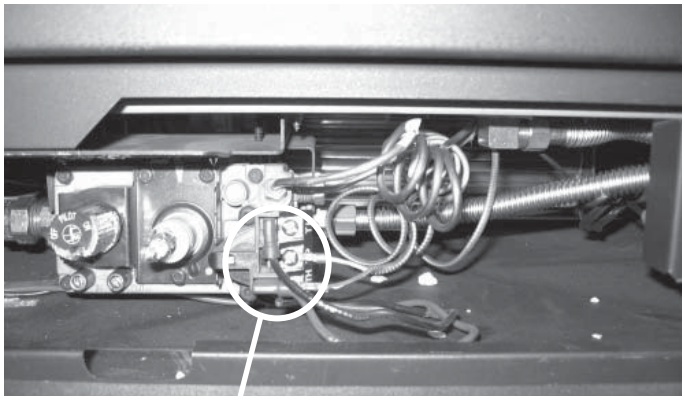
Burner

8) Remove the base cover by lifting up from the back and maneover out.

Base Cover

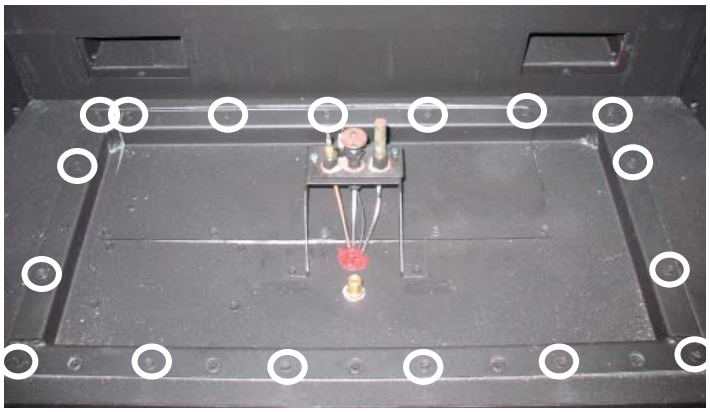
9) Disconnect the ON/OFF connector wires from the valve.

NOTE: For LP units disconnect the DC Sparker ignitor wire from the valve.

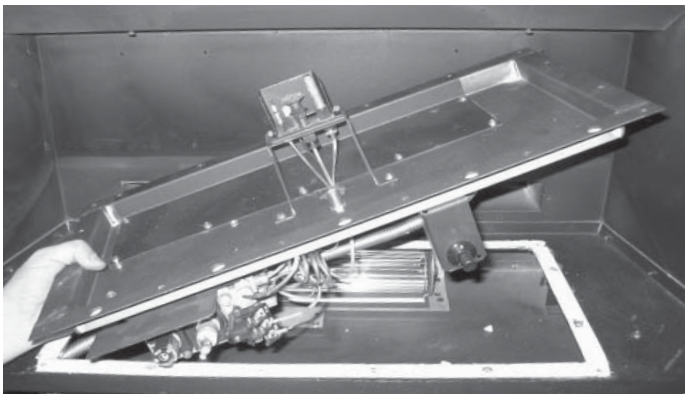


ON/OFF Wires

10) Remove the valve tray by undoing the 17 screws.



11) Slighty lift out valve tray.



12) Disconnect the inlet gas line.

13) Replace valve and reverse steps.

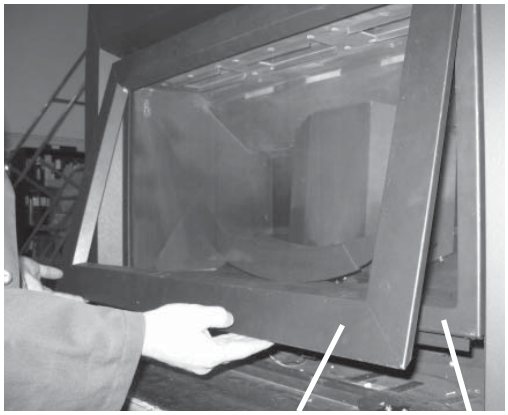
FAN REPLACEMENT

1) Turn the unit off and allow it to cool down to room temperature.

2) Disconnect the power source and turn off the gas supply to the insert.

3) Open the bottom louver.

4) Remove the door frame by lifting out from the bottom and lift up off the glass door.

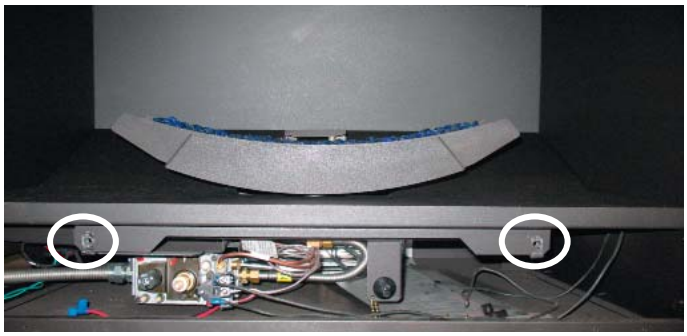


Door Frame *Glass Door*

5) Remove the glass door.

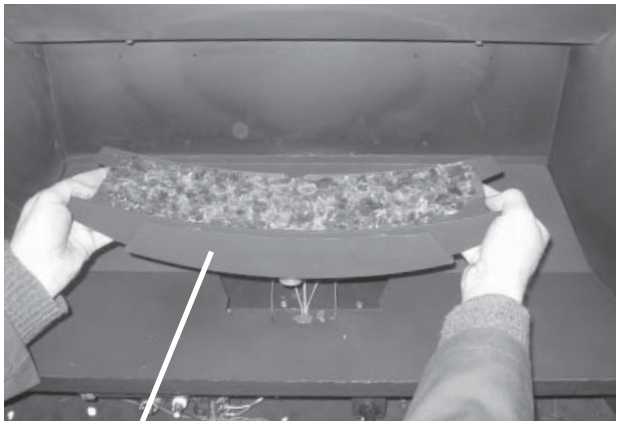
a) Remove the 2 screws shown below at the bottom of the glass door.

b) Swing the door out 45º from the bottom and lift up and out.



6) Remove the burner by undoing the 2 screws shown. Carefully lift the burner up and out ensuring not to spill glass crystals.

7) Carefully set aside the burner and glass crystals.

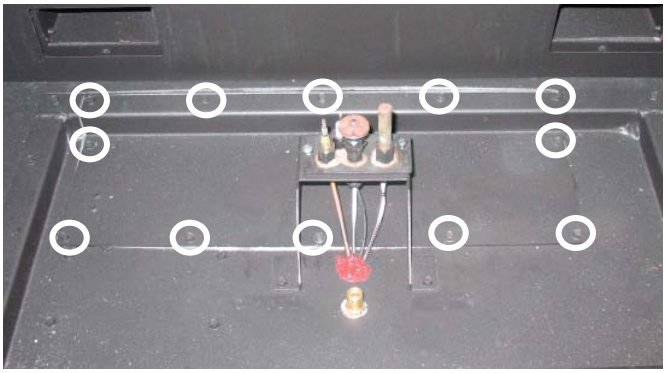


Burner

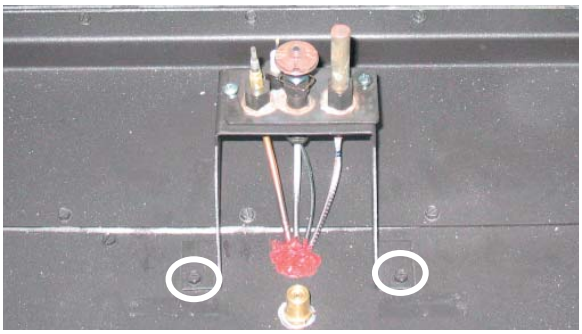
8) Remove the base cover by lifting up from the back and maneover out.

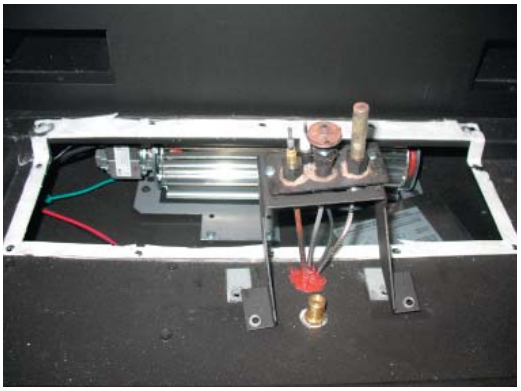
Base Cover

9) Remove the fan access plate by undoing the 12 screws shown.



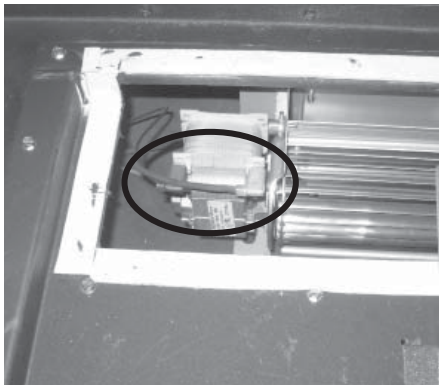
10) Remove the 2 screws that hold the pilot assembly in place and lift forward as shown below.



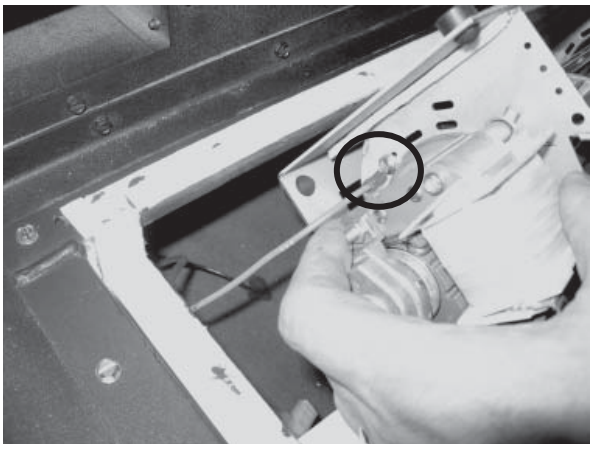


11) Remove the 2 screws that hold the fan in place and slide the fan towards the front of the unit.

12) Unplug the 2 connector wires highlighted below.



13) Lift up the left side of the fan and disconnect the ground wire shown.



14) Remove the fan from the unit by carefully lifting up and ensure not to damage the pilot assembly.

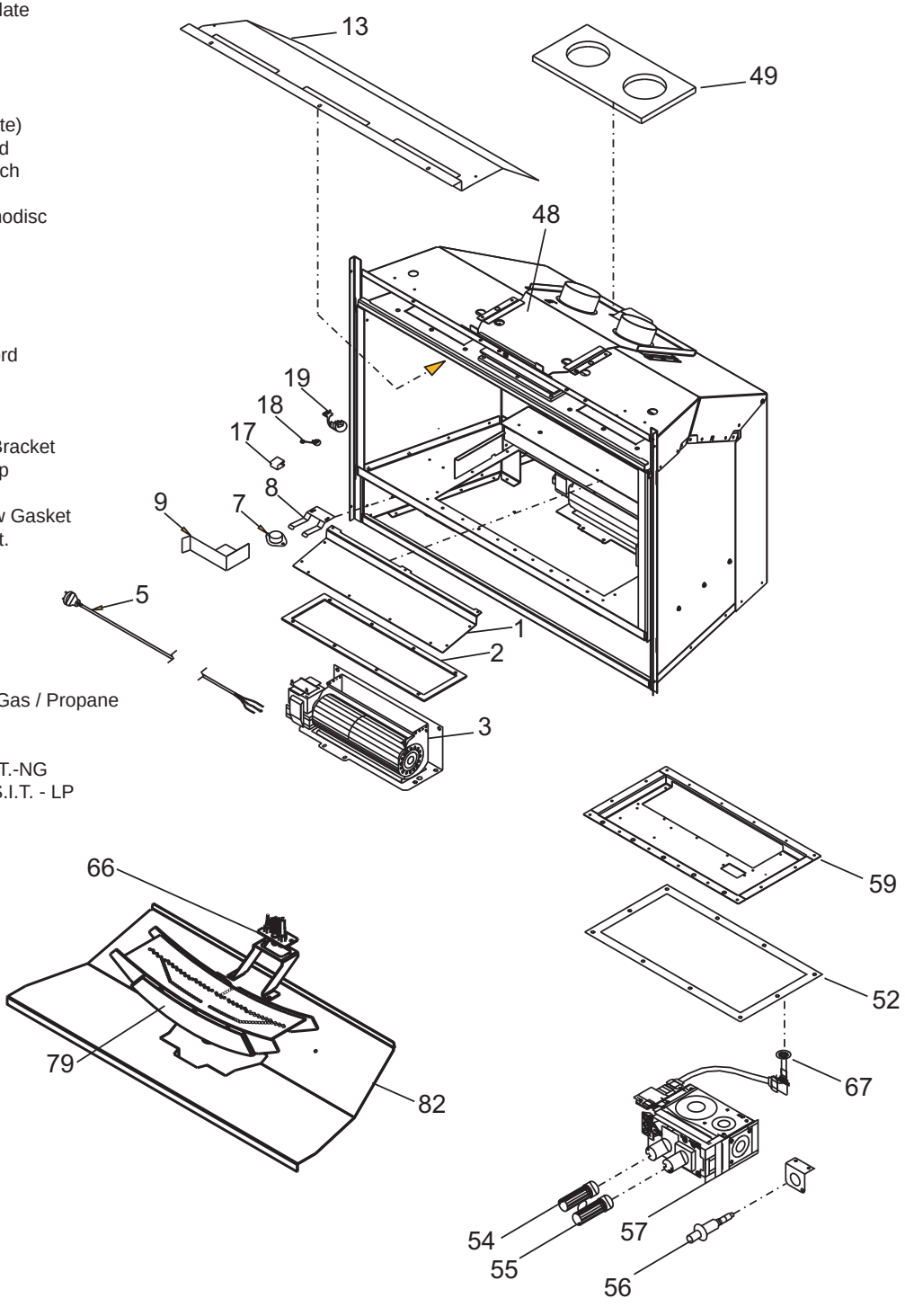
15) Replace fan and reverse steps.

PARTS LIST

MAIN ASSEMBLY

	Part #	Description
1)	340-038	Fan Access Plate
2)	340-103	Gasket - Fan Access Plate
3)	320-517/P	Fan Assembly 120 V
	910-331/P	Fan Motor 120 V
5)	910-750	Power Cord
	910-752	Wire Harness (Faceplate)
	*	Wire Fan to Power Cord
	*	Wire Valve to Spill Switch
7)	910-142	Fan Auto On/Off Thermodisc
8)	*	Thermodisc Bracket
9)	320-070	Fan Switch Cover
13)	*	Baffle Plate
17)	*	Wire Holder Clip
18)	*	Strain Relief
19)	*	Grommet for Power Cord
48)	340-523	Flue Adaptor Assembly
49)	340-099	Thermal Insulation
	*	Insulation Hold Down Bracket
	*	Louver Hold Down - Top
	940-342/P	Replacement Glass c/w Gasket
	936-155	Glass gasket sold per ft.
52)	340-104	Gasket - Valve Tray
	341-574S/P	Valve Assembly - NG
	341-576S/P	Valve Assembly - LP
56)	910-190	Piezo Ignitor and Nut
57)	910-478	Valve - S.I.T. - Natural Gas / Propane
59)	*	Valve Tray
66)	910-038	Pilot Assy-3 Flame-S.I.T.-NG
	910-039	Pilot Assy - 3 Flame - S.I.T. - LP
67)	904-430	Orifice #42 - NG
	904-163	Orifice #54 - LP
	936-170	Orifice Gasket
79)	341-525	Burner Assy - NG/LP
82)	*	Base Cover
	918-747	Manual

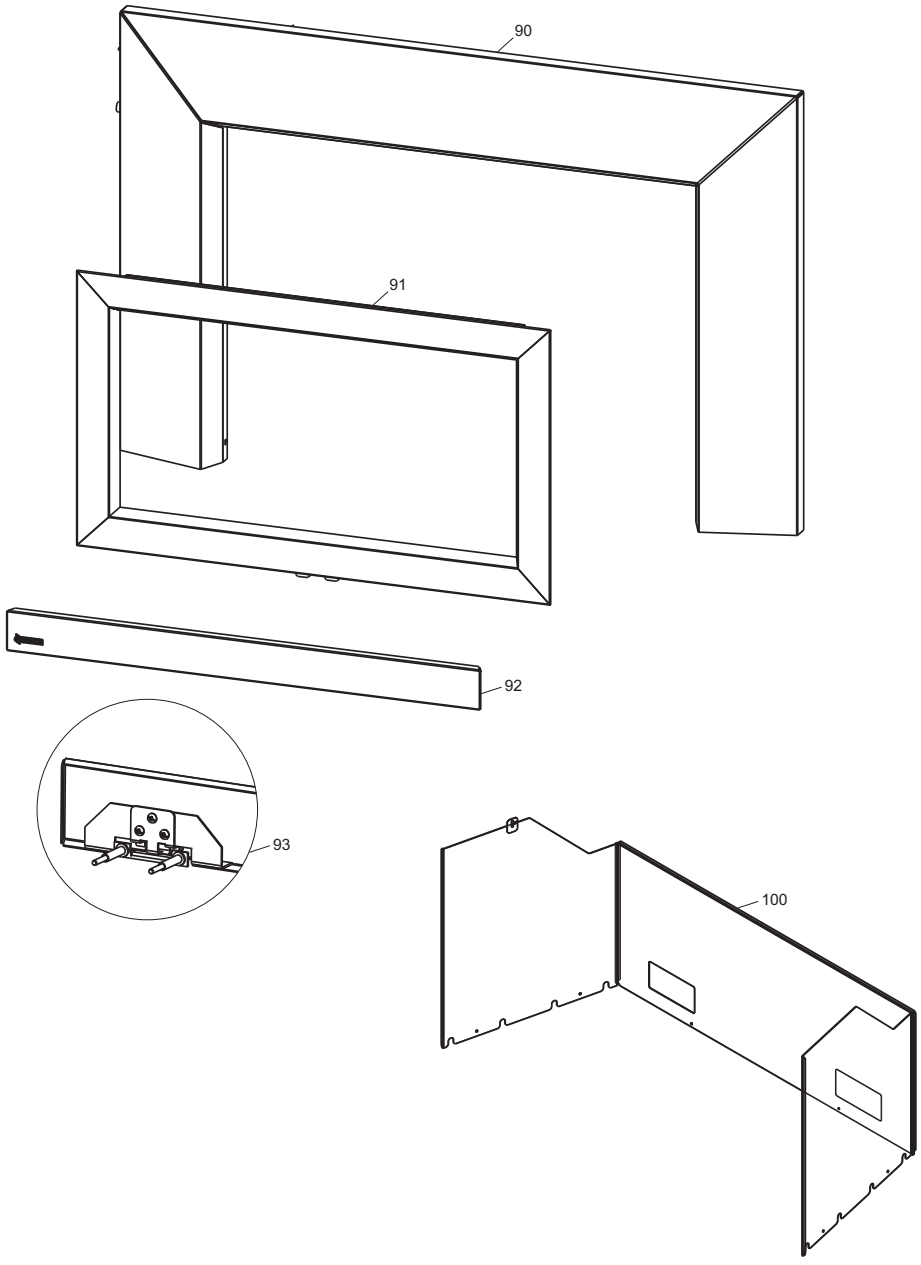
* Not available as a replacement part.



ACCESSORIES

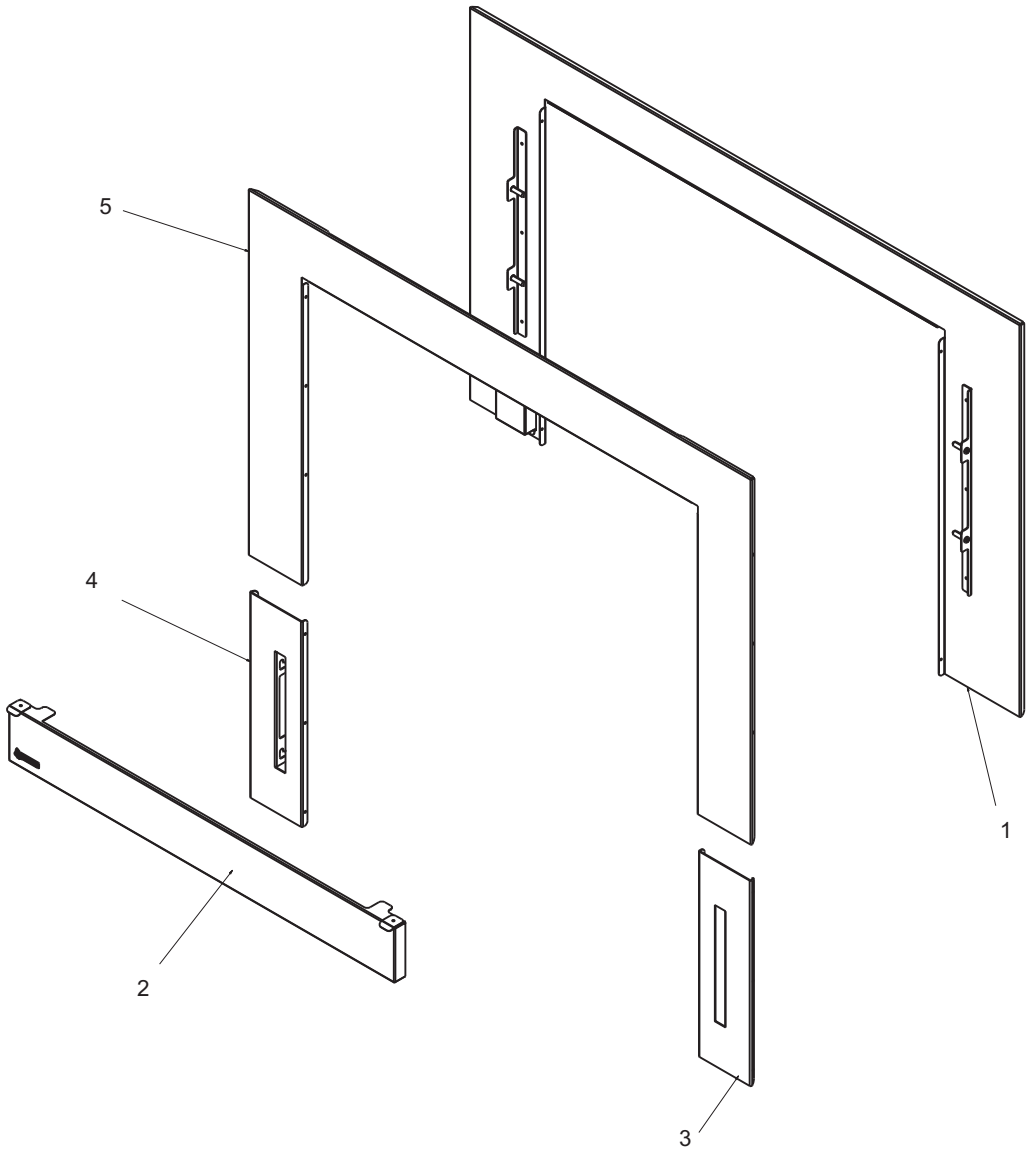
	Part #	Description
	341-914	Contemporary Faceplate & Door Frame
90)	*	Complete Faceplate
91)	*	Door Frame
92)	*	Bottom Louver
93)	*	Hinges
	910-246	Burner ON/OFF Switch
	910-330	Fan Speed Control 120V
	904-569	Fan Speed Control Knob
100)	341-907	Stainless Steel Reflective Panels
	341-908	Black Enamel Reflective Panels

* Not available as a replacement part.



LOW PROFILE FACEPLATE

	Part #	Description
1)	*	Backplate Assembly
2)	*	Bottom Louver
3)	*	Right mounting bracket
4)	*	Left mounting bracket
5)	*	Front Frame



NOTES

NOTES

Regency Fireplace Products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our facility. FPI Fireplace Products International Ltd. is pleased to extend this limited lifetime warranty to the original purchaser of a Excalibur Product. This warranty is not transferable.

The Warranty: Limited Lifetime
The combustion chamber, heat exchanger, burner tubes/pans, logs, brick panels and gold plating (against defective manufacture only) are covered under the Limited Lifetime Warranty for five (5) years for parts and subsidized labour* and parts only thereafter.

Glass is covered for lifetime against thermal breakage only, parts and subsidized labour* for five (5) years and parts only thereafter from date of purchase.

External casting, surrounds and grills are covered against cracks and warps resulting from manufacturer defects, parts and subsidized labour* for three (3) years from the date of purchase and parts only thereafter.

Special Finishes - One year on brushed nickel and antique copper full screens and doors. You can expect some changes in color as the product "ages" with constant heating and cooling. FPI warranties the product for any manufacturing defects on the original product. However, the manufacturers warranty does not cover changing colors and marks, ie. finger prints, etc applied after the purchase of the product. Damage from the use of abrasive cleaners is not covered by warranty.

Electrical and mechanical components such as blowers, switches, wiring, thermodiscs, FPI remote controls, spill switches, thermopiles, thermocouples, pilot assembly components, and gas valves are covered for two years parts and one year subsidized labour* from the date of purchase. Blowers and valves replaced under warranty are considered repairs and continue as if new with appliance. ie. twelve (12) months from original purchase date of appliance with a minimum of three (3) months coverage from date of replacement.

FPI venting components are covered parts and subsidized labour* for three (3) years from date of purchase.

Simpson Dura-Vent venting components (Direct Vent units) are covered by Simpson Dura-Vent Inc. warranty.

Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the unit will carry a 90 day warranty, valid with a receipt only. Any item shown to be defective will be repaired or replaced at our discretion. No labor coverage is included with these parts.

Conditions:
Any part or parts of this unit which in our judgement show evidence of such defects will be repaired or replaced at FPI's option, through an accredited distributor or agent provided that the defective part be returned to the distributor or agent **Transportation Prepaid,** if requested.

Porcelain/Enamel - Absolute perfection is either guaranteed nor commercially possible. Any chips must be reported and inspected by an authorized dealer within three days of installation. Reported damage after this time will be subject to rejection.

It is the general practice of FPI to charge for larger, higher priced replacement parts and issue credit once the replaced component has been returned to FPI and evaluated for manufacturer defect.

The authorized selling dealer is responsible for all in-field service work carried out on your Regency product. FPI will not be liable for results or costs of workmanship from unauthorized service persons or dealers.

At all times FPI reserves the right to inspect product in the field which is claimed to be defective.

All claims must be submitted to FPI by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including customer name, purchase date, serial #, type of unit, problem, and part or parts requested, without this information the warranty will be invalid.

Exclusions:
This limited Lifetime Warranty does not extend to or include paint, door or glass gasketing or trim.

At no time will FPI be liable for any consequential damages which exceed the purchase price of the unit. FPI has no obligation to enhance or modify any unit once manufactured. ie. as products evolve, field modifications or upgrades will not be performed.

FPI will not be liable for travel costs for service work.

Installation and environmental problems are not the responsibility of the manufacturer and therefore are not covered under the terms of this warranty policy.

Embers, rockwool, gaskets, door handles and paint are not covered under the terms of this warranty policy.

Any unit which shows signs of neglect or misuse is not covered under the terms of this warranty policy.

The warranty will not extend to any part which has been tampered with or altered in any way, or in our judgment has been subject to misuse, improper installation, negligence or accident, spillage or downdrafts caused by environmental or geographical conditions, inadequate ventilation, excessive offsets, negative air pressure caused by mechanical systems such as furnaces, fans, clothes dryer, etc.

Freight damage to stoves and replacement parts is not covered by warranty and is subject to a claim against the freight carrier by the dealer.

FPI will not be liable for acts of God, or acts of terrorism, which cause malfunction of the appliance.

Performance problems due to operator error will not be covered by this warranty policy.

Products made or provided by other manufacturers and used in conjunction with the operation of this appliance without prior authorization from FPI, may nullify your warranty on this product.

Any alteration to the unit which causes sooting or carboning that results in damage to the interior / exterior facia is not the responsibility of FPI.

** Subsidy according to job scale as predetermined by FPI.*

FPI fireplaces are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our door.

FPI Fireplace Products International Ltd. is pleased to extend this Limited Lifetime Warranty to the original purchaser of a FPI Product.

See the inside back cover for details.

Register your Regency® online at http://www.regency-fire.com

Installer: Please complete the following information

Dealer Name & Address: _____

_____

Installer: _____

Phone #: _____

Date Installed: _____

Serial No.: _____

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